SUBJECT - Low Impact Hydropower Institute (LIHI) Recertification Review for Bowersock Mills Project

BACKGROUND

Bowersock Mills & Power Company (BMPC) is headquartered in Lawrence, Kansas[1]. The Bowersock Hydroelectric Project is located on the Kansas River at river mile (RM) 52.4 in the City of Lawrence in Douglas County, Kansas and drains an area of 60,114 square miles (sq. mi.). The latitude and longitude of the dam is 38.974022 N, -95.235078 W.

The Federal Energy Regulatory Commission (FERC) issued the project a license exemption (P-2644) in 1985 for the operation and maintenance of a 2.5 megawatt (MW), run-of-river facility. The average annual energy output (AAE) from the project has historically been about 11,950 megawatt-hours (MWh). The project was originally certified by LIHI as Certification No. 15, on October 27th, 2004 as the "Bowersock Project." On January 10, 2010, LIHI recertified the project for a five year period from July 9, 2009 through July 9, 2014.

The facility consisted of a 664-foot long dam, 90-foot spillway, and 60-foot flume. The masonry and rock-filled timber crib dam has a crest elevation of 808-feet mean sea level (msl) and a height of 18-feet.

Hinged flashboards increase the impoundment level above the top of dam by four feet. The corresponding operating head is usually between 18 to 22 feet. One hundred and fifty feet of flashboards are pneumatically operated and automated. All remaining flashboards are manually raised, and are designed to fall when river inflows exceed 8000 cubic feet per second (cfs).

Figure 1 - Bowersock Dam with south powerhouse shown on the adjacent side of river.

The intake section is integral to the powerhouse (See Figure 1 background) and has seven turbine generators with a maximum combined rated capacity of 2.5 MW when operating at a head of 22 feet. The 90-foot spillway contains seven manually operated gates. The project operated as a run-of-river (ROR) facility, with outflow

[1] The Bowersock Mills & Power Company - P.O. Box 66, 500 South Powerhouse Road, Lawrence, KS 66044 - Sarah Hill-Nelson, President & CEO – (785-766-0884 - shn@bowersockpower.com)

approximately equal to inflow on an instantaneous basis, and does not inundate land outside the natural confines of the Kansas River.

Outflows fluctuate over a small range in the course of daily operations including when the plant is shut down to clean it debris off its intake and racks or when repairs are necessary to the dam or flashboards. The project had the ability to control the height of the pond when river inflows are below 1800-cfs. Normal pond elevation with flashboards raised is elevation 812 MSL. The pond has the potential to be drawn down by a maximum of five feet to elevation 807 MSL. The combined maximum hydraulic capacity of all seven turbines is 2,100-cfs. As inflows rise above 2,100-cfs, the project begins to bypass water and the plant produces progressively less power. At flows above 30,000-cfs, the reduced head requires the plant to cease operation.

On February 8, 2010, BMPC filed an application for an original license with the FERC for the proposed expanded project (P-13526)[2]. On January 29, 2010, the Kansas Department of Health and Environment (KDHE) received a request from Bowersock for a water quality certification (WQC) for the Expanded Kansas River Project. On April 1, 2010, the KDHE issued a WQC for the project.[3]

Through the course of the expanded project license process, key stakeholders in the Bowersock Dam were identified as BMPC, the City of Lawrence, Kansas (City), the University of Kansas (UK), the Kansas Department of Transportation (KDOT) and Westar Energy (WE).

The City draws approximately 50% of its water supply from the Bowersock pond on a daily basis through the Kaw River Water Treatment Plant's raw water intakes. Under a 1977 agreement that has been extended to 2077 as of August 2010, the City is responsible for the maintenance of the Bowersock Dam. The agreement was established so that the City would have the ability to control and maintain the dam to protect its water supply that is depend upon high river headwater elevations of the Bowersock Mill pond to meet the plant's operating capacity.

The dam provides public recreation for UK's Boathouse immediately upstream of the dam and other community river recreationists both up and downstream of the Bowersock Dam. The dam's head pond helps protect KDOT bridge piers from streambed degradation for the upper reaches of the Kansas River. Also, BMPC studies confirm that the dam's pond extends up the Kansas River to just beyond the Westar Energy Lawrence Energy Center intakes, which provide cooling water for a 600-MW coal-fired power plant.

On August 19, 2010, FERC issued an order granting an original 50-year license (P-13526) and terminating the exemption from license (P-2644)[4]. FERC prepared an environmental assessment (EA) concurrent with this order that was issued on the same date.[5]

The expanded project (Project) operates using the original powerhouse (South Powerhouse) together with a new powerhouse on the opposite side of the river (North Powerhouse).

[2] http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=12262881
[3] http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=12315998
[4] New FERC License - http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=12416328
[5] EA - http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=12416334

The old spillway had a history of intermittent use due to a poor design and a tendency to pack with debris. This spillway was removed and replaced by the new North Powerhouse and inclusion of a 20-ft. Obermeyer Gate immediately south of the new North Powerhouse. The new powerhouse contains four, vertical, fixed blade turbine generator sets with a capacity of 4.65 MW.

The Project is approved to operate at an increase pond height from 812-ft to 813.5-ft. This increase in pond height does not change the shape or configuration of the pond, as 813.5-ft is well within the riverbed, and the pond was often at that level or above. It does increase inundation at low flows approximately ¼ of a mile further upriver than previous.

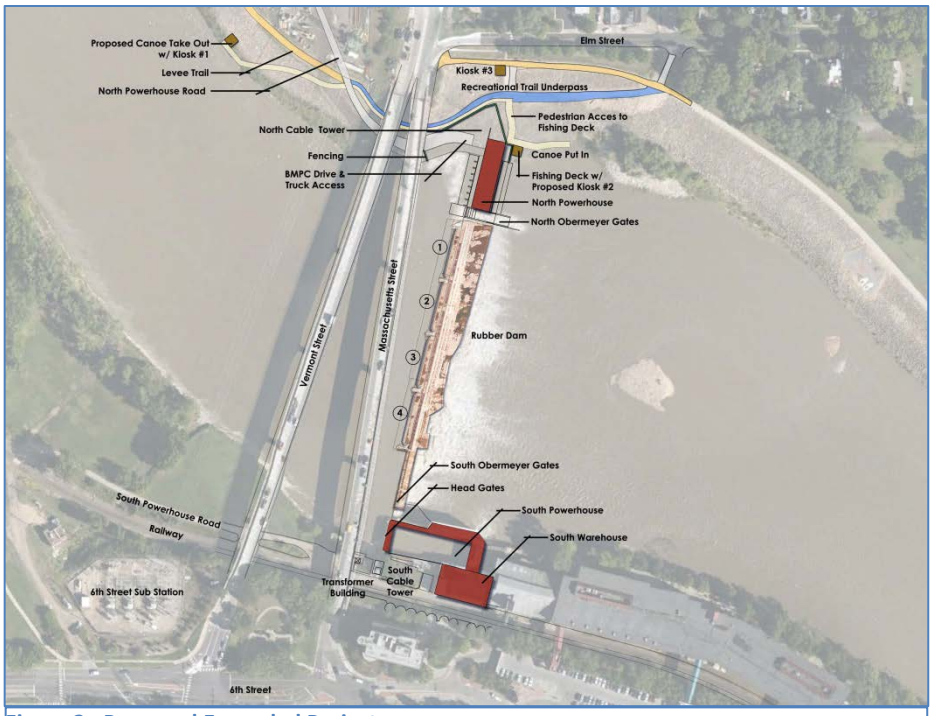


Figure 2 - Proposed Expanded Project

In a subsequent addendum to the license FERC granted approval for the replacement of the manually-raised, wooden flashboard system with a rubber dam on April 12, 2012. [6]

The expanded project construction was initiated in June of 2011 and completed in December, 2012 with operation of the North Powerhouse starting in 2013.[7] The 7-MW project produces an AAE of 32,700 MWh. The new license will expire on August 1, 2060.

The increase in capacity did not require any new diversion structure, however, the previous system of manually-raised flashboards were replaced with an inflatable rubber dam system. The increase in hydraulic capacity has not been deemed to worsened conditions for fish, wildlife, or water quality by any resource agencies.

The Project continues to operate in a ROR mode and has the capacity to utilize the initial 4,600-cfs of inflow for energy generation, passing all flows in excess of 4,600 cfs through two separate sets of Obermeyer Gates and the rubber dam system.

The project storage is limited, with a total impoundment volume of 3,072 acre-feet and an active storage of 2,758 acre-feet. The pond is not intended to drop below 813.5-ft with the exception of

[6] All pertinent FERC docket submittals were entered as privileged (CEII).
[7] http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=13117876

infrequent, intentional drawdowns for project maintenance, but will rise above that level due to natural inflows significantly in excess of the hydraulic capacity of the Project.

The median inflow at the Project is 3,400 cfs. In a typical year, inflows reach approximately 80,000-cfs at some point during the spring. At flows beyond 3,400-cfs, BMPC begins to lower the dam-top water retention structures, first lowering the Obermeyer Gates to pass excess flows, and subsequently lowering the four sections of the rubber dam to pass flows as defined in the March 28, 2015 revised Projects Operations Monitoring Plan (POMP)[8]. At inflows below 14,600-cfs, river is still retained within the confines of the natural channel, and the project continues to pass all inflows, either through the powerhouses for generation or through the Obermeyer Gate systems when inflow exceeds the hydraulic capacity of the turbines.

Historically the project was routinely flooded with high flows that created flood plain channels providing greater fish passage opportunities than are available today. In the 1950s and the 1970s flood control projects, in the form of more than a dozen upstream dams and protective levees were built reducing or eliminating these opportunities.

At the time FERC issued the project its exemption in 1985, BMPC agreed to implement fish passage in partnership with federal and state resource agencies; the relatively modest costs were to be shared between the U.S. Fish and Wildlife Service (USFWS), the Kansas Department of Wildlife and Parks (KDWP), and BMPC. In the years immediately following the FERC exemption, the USFWS assigned a low priority to allocating financial resources for the design and engineering components which were its responsibility under the agreement, and a prerequisite for action by the other signatories to the agreement.

While American eel was historically present in the Kansas River, the species has never been, and is not now, a focus of resource agency concern. Today the project is identified by natural resource agencies as a barrier to upstream migration by fish species under all but extraordinary flood conditions. In recent years, invasive non-native Asian carp have created a problem for native riverine and recreational fisheries in the Kansas River below the facility, and the resource agencies have taken the position that the benefits of installing fish passage at the facility are outweighed by the benefits of maintaining the facility as a barrier to upstream migration of the Asian carp. The federal and state resource agencies acknowledge that the applicant has committed to implement fish passage when required, and that the agencies have not acted to trigger the requirement, though they reserve the right to do so.

LIHI RE-CERTIFICATION PROCESS

Recertification review focuses solely on determining the answers to the following two questions:

1) Has there been a material change in circumstances since the original certification was issued?

   For purposes of recertification review, a “material change in circumstances” will mean one or both of the following:

[8] See Appendix A for a copy of the document.

(a) Non-compliance: Since receiving its last certification from LIHI, the certificate holder/applicant has not implemented, or has delayed implementing, or has done an inadequate job of implementing obligations at or near the facility that are of relevance to LIHI's criteria. These obligations could be in the form of terms and conditions of license(s), settlement agreements, resource agency recommendations or agreements, LIHI conditions of certification including annual notifications, agreements with local municipalities or other third parties or similar relevant obligations; or

(b) New or renewed issues of concern that are relevant to LIHI's criteria: Since receiving its last certification from LIHI, either new issues of concern and relevance to LIHI's criteria have emerged that did not exist or were not made known to LIHI at the time of certification, or there continues to be ongoing problems with previously known issues that appeared to LIHI to be resolved or on the road to resolution at the time of certification but in fact are not resolved, and are ongoing at the time of the re-certification application.

If a new license, settlement agreement, prescription, biological opinion or other similar regulatory decision has been made since the original recertification, these documents will be evaluated to determine if new or renewed issues have been raised.

2) Have any of LIHI's criteria, or the Board's interpretation of one or more criterion, changed in meaningful ways since original certification that are applicable to the circumstances of the facility seeking re-certification?

I reviewed the LIHI application to assess adherence to the LIHI certification criteria with the above in mind. The prior certification of the Project was issued on July 9, 2009 and terminated on July 9, 2014 and was extended to July 1, 2015. On April 16, 2015 LIHI received a complete application from BMPC for an additional term of certification of the Project. The application materials were delayed because the facilities underwent major changes, and BMPC required additional time to gather documentation and supportive materials. LIHI posted the application for public notice on April 20, 2015, and the public comment period closed on June 20, 2015. No public comments were received by LIHI during the open comment period.

A FERC e-library search was conducted to verify claims in the application. The docket search contains documents from as far back as July of 2009. My review concentrated on the period from the start of the previous LIHI certification, approximately July of 2009 through August of 2015, for FERC docket number P-13526. Appendix B contains a reversed chronological list of docket items pertaining to this recertification.

On September 15, 2015, this reviewer emailed the agencies listed in the Project's Recertification application (FERC[9], Kansas Dept. of Wildlife, Parks and Tourism (KWPT)[10], USFWS[11], Friends of

[9] FERC – Chicago Regional Office, Office of Energy Projects – Division of Dam Safety and Inspections, 230 South Dearborn Street, Suite 3130, Chicago, Illinois, 60604 - Mr. John Zygai, Regional Engineer - (312) 596-4437- john.zygaj@ferc.gov

[10] KWPT - Kansas Department of Wildlife, Parks and Tourism, 1020 S. Kansas Avenue, St. 200, Topeka, Kansas 66612-1327 - Mr. Jason Luginbill, Chief, Ecological Services Section - 785-296-6026 - jason.luginbill@ksoutdoors.com

the Kaw – Kansas Riverkeeper (FK)[12], Kansas Sierra Club (KSC)[13] and Kansas Natural Resources Council (KNRC)[14]). In my email I stated, "…*I am the LIHI reviewer tasked with determining whether the Bowersock Mills Project should be LIHI recertified. I am emailing you today because you have been identified in the application as resource agency and non-governmental organization contacts familiar with the project. I would appreciate your perspective regarding the project's proposed operation with regard to satisfying its licensed environmental obligations (FERC articles) and your views pertaining to the project being "low impact". Without your input my review can only be based on the documents found in the FERC docket. Thank you for your time in this matter."*

Agency responses follow:

- FERC - On September 16, 2015 I received an email from Mr., John Zygai stating, "… *I have forwarded your request to our HQ as to which division would handle this..."*

- KNEC - On September 16, 2015, I received a letter via email from Ms. Sharon Ashworth stating, *"…I am writing in support of a new term of Low Impact Certification for the Bowersock Mills Hydroelectric project. The Kansas Natural Resource Council believes this project satisfies licensed environmental obligations and qualifies as a low impact project … The Bowersock Mills Hydroelectric project is a longstanding and responsible steward of the state's water resources. The recent upgrades to the hydropower facilities have not compromised water flow or quality and have improved the aesthetic impact of the facility. We concur with statements by the state's wildlife and fisheries agency that fish passage would allow unwanted access by non-native species to upstream waters. We also applaud the additional energy generating capacity of this facility…"*

- *FERC – On September 17, 2015, in an email from Steven Sachs[15], he stated, "… Your email to John Zygaj was forwarded to me. I'm not personally familiar with the project, so I have no opinion as to whether it is low impact or not. However, I have performed a compliance review and found that the project is in compliance with all of its Commission mandated environmental requirements. Let me know if I can be of further assistance in your review…"*

No other comments have been received.

[11] USFWS – Kansas Ecological Field Office, 315 Houston Street, Suite E, Manhattan, Kansas 66502 -Mr. Vernon Tabor - 785-539-3474 - vernon_tabor@fws.gov & Ms. Heather Witlaw - heather_witlaw@fws.gov
[12] FK - P.O. Box 1612, Lawrence, Kansas 66044 - Ms. Dawn Buhler - 785- 979-8341 - riverkeeper@kansasriver.org
[13] KSC – 1303 South Broadway, Leavenworth, Kansas 66048 - Mr. Bill Griffith -913-702-4611 - bgriffith6@kc.rr.com
[14] KNEC – P.O. Box 2635, Topeka, Kansas 66601- Ms. Sharon Ashworth - sharon.knrc@gmail.com
[15] Steven Sachs, P.E. - (202) 502-8666, FERC, Chicago Office, Engineering Resources Branch

RE-CERTIFICATION REVIEW

This section contains my review of the Project with regard to LIHI's certification criteria focusing solely on determining if there has been a material change in circumstances since the original certification was issued.

LIHI Criterion-Flows and Pond Fluctuations

The State of Kansas has established minimum desirable streamflow targets for the Kansas River. The State of Kansas through agreements among the Kansas Water Office (KWO), the U.S. Army Corps of Engineers (Corps), and the Kansas River Assurance District (KRAD) operates state owned storage in three of the four federal reservoirs in the Kansas River Basin to achieve certain target flows.

The USFWS has stated that the dam passes all the flows it receives. According to the Kansas Department of Agriculture (KDA), the Project facilities have no effective control over flow conditions and that the minimum desirable flows are in part meant to protect fish, wildlife, and water quality. However, the targets have been established with standards other than the Montana-Tennant method.

The Project passes river flows as outlined in the POMP. The POMP defines:

- The location of gauges to record millpond elevations, flows through the turbines, and gated releases;
- Procedures to record water surface elevations on an hourly basis;
- A description of how the project operates to maintain compliance with the ROR requirement of license Article 401;
- Procedures to maintain ROR operation during planned and emergency shut-downs, and
- Procedures for refilling the Bowersock Millpond in the event of a maintenance-related drawdown while maintaining adequate flows downstream during refill to maintain aquatic resources;

The plan details the mechanisms and structures used, including any periodic maintenance and calibration necessary for any installed devices or gauges to ensure that the devices are work properly, and specifies how often the pond elevations and ROR operational compliance shall be recorded.

The POMP and license Article 401 requires BMPC to communicate significant anticipated or unplanned changes of 6 inches or more from the authorized pond level of 813.5-ft as soon as possible, no later than 48 hours after any incident, and prior to any refilling with the KDA, KWO, KRAD, KDHE, Corps, USFWS and the KWPT. This notification must provide the current pond elevation and pond storage, the current operation of each powerhouse, daily anticipated diversions and the expected duration and timing of the drawdown and refill.

Since the recent implementation of the revised POMP, my review has found no evidence that deviations of the POMP have occurred. However, if future notifications are required, they should be documented in BMPC's annual statement to LIHI along with an adequate explanation and recommendation of how to avoid similar violations in the future. Since to date, BMPC is in compliance with the POMP, this LIHI criterion is satisfied.

LIHI Criterion-Water Quality

On April 1, 2010, the KDHE issued a WQC for the project.[16] The WQC requires that the Project operation:

- Must follow proper construction activities protocol;
- Must minimize floating debris, scum, foam, froth and other floating materials directly or indirectly attributable to the project;
- Must avoid or control the discharge of toxic substances, oil and grease and other fluids;
- Must in no way cause DO in the river to fall below 5.0 mg/L;
- Must in no way cause the pH in the Kansas River to be below 6.5 or above 8.5;
- Must avoid or control the discharge of E-coli bacteria from the daily wastewater associated with manned operations and maintenance, so that the project does not cause the E-coli bacteria concentration of the Kansas River to exceed a geometric mean of 427 organisms per 100 milliliters during the period of Apri1 through October 31 and geometric mean of 3,843 organisms per 100 milliliters during the period of November 1 through March 31;
- Must minimize removal or disturbance of riparian/wetland areas

Also, in a March 28, 2015 email to BMPC from KDHE, the agency stated that the Project is located in a segment of the Kansas River on the state's 303(d) list of impaired waters; however, the facility has not been implicated as a source of the impairment.

Throughout the prior LIHI certification period, adherence to the above water quality standards has been maintained. No non-compliance issues or areas of new concerns were found.

LIHI Criterion-Fish Passage and Protection

In a March 9, 2015 letter from KWPT, the agency stated, *"… although BMPC is committed to the installation of upstream fish passage as part of the LIHI license, at this time there is consensus within the agency that an aquatic organism passage structure could increase potential impacts to upstream systems and is discouraged because the dam currently operates as an impediment to the spread of aquatic nonnative species. Future research may reveal that the movement and impacts of non-natives upstream of BMPC do not pose threats to native organisms and systems and at this time, discussions would engage to provide passage to facilitate upstream movement of all aquatic organisms…"*

In a March 19, 2015 letter from the USFWS, the agency stated, *"… American eel is likely occasionally present at the site and likely passes the dam during periods of high flow. There is no passage survival rate data for this structure, as American eels only periodically and at extreme low numbers occur in this river basin. The last reported capture of the species in the Kansas River basin was in 2005, below Wilson Reservoir (many miles upstream). Fish passage at this facility has been considered by the USFWS and KDWPT, however never pursued or mandated. The Kansas River downstream of this structure is now inhabited by the invasive species of silver and bighead carp. For this reason, USFWS believes at present that it is advantageous to not have fish passage. If passage was in place the carp*

[16] WQC - http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=12315996

would likely expand their range greatly into upstream impoundments managed for sport fishing, likely disrupting the reservoirs food chain and quality of sport fishing…"

Throughout the prior LIHI certification period, no non-compliance issues or areas of new concerns were found.

LIHI Criterion-Watershed Protection

There are no specific license articles or official agency positions with regard to watershed protection issues related to the Project. Resource agencies have not issued any recommendations, nor required the project to prepare any Shoreline Management Plan. The only FERC license issue somewhat related to watershed protection pertains to implementing a sedimentation and erosion control plan prior to construction. Additionally, no documentation pertaining to any watershed protection issues at the Project were found in the FERC docket.

A review of the Project indicates that during the prior LIHI certification period, the Project is in compliance with concerns pertaining to watershed protection. Additionally, no new areas of concern have occurred.

LIHI Criterion-Threatened and Endangered Species

Again, in the March 9, 2015 letter from KWPT, the agency stated, *"… consultation for threatened and endangered species upstream and downstream of BMPC has demonstrated that at this time aquatic organism passage could negatively impact federal and state trust species upstream BMPC because of nonnative populations inhabiting the Kansas River below BMPC. Therefore, BMPC and facility operations are in accordance with KWPT biological opinion of the current conditions although future conditions may deem otherwise…"*

In the March 19, 2015 letter from the USFWS, the agency stated, *"… the pallid sturgeon exists downstream in extremely low numbers. Since 2000, nine pallid sturgeon (predominantly hatchery stock) have been captured downstream of the Johnson County Weir.*[17] *A revised recovery plan was published in March 2014. The Project is upstream of all recovery management units. The management unit that includes a portion of the Kansas River basin extends upstream only to the Johnson County Weir. There has been no formal consultation, biological opinion, or incidental take permit issued related to the operations of Bowersock Dam and pallid sturgeon…"*

A review of the FERC docket indicates that during the prior LIHI certification period, the Project is in compliance with both state and federal resource agencies concerns pertaining to threatened and endangered species and that no new areas of concern have occurred.

[17] The Johnson County Weir is a partial barrier to fish passage on the Kansas River, approximately 30 river miles downstream of the Project.

LIHI Criterion-Cultural Resource Protection

License Article 406 required BMPC prior to starting any land-clearing or land-disturbing activities within the project boundary to consult with the Kansas State Historic Preservation Office (SHPO) and the Corps.

Also, under section 106 of the National Historic Preservation Act (NHPA), federal agencies must take into account the effect of any proposed undertaking on properties listed or eligible for listing in the National Register and afford the Advisory Council a reasonable opportunity to comment on the undertaking. This generally requires FERC to consult with the State Historic Preservation Officer (SHPO) to determine whether and how a proposed action may affect historic properties, and to seek ways to avoid or minimize any adverse effects.

In a letter dated August 20, 2009, the SHPO stated that the proposed project would not adversely affect any property listed in or eligible for listing in the National Register. Therefore a Programmatic Agreement to resolve adverse effects on historic properties was not necessary.

A review of the FERC docket indicates that during the prior LIHI certification period, no new concerns pertaining to protection of cultural resources have occurred.

LIHI Criterion-Recreation

The FERC license requires BMPC to develop new recreation facilities including a tailrace fishing deck, a pedestrian footpath, 725-foot-long canoe portage trail, canoe put-in, canoe take-out, two kiosks, and associated signage.

On July 12, 2014, BMPC requested an extension of time to file its recreation plan due to delays in completing the north powerhouse.[18] Although the powerhouse was constructed in December 2012, the generator units were only operational on an intermittent basis beginning April 10, 2013 due to prolonged drought. Approximately two months later two of the units began to malfunction, prompting BMPC to take all four units in the north powerhouse offline for assessment and repair.

BMPC estimated that the units would resume operation in the fall or winter of 2014, but, anticipating lower than normal flows at that time of year, the proposed assessing flows for the purpose of locating the canoe put-in March or April 2015 became problematic. By letter dated July 22, 2014, the Division of Dam Safety and Inspections granted this extension of time, extending the due date for the plan to May 31, 2015.

In an April 17, 2015[19] filing, BMPC requested a second extension of time for submitting its recreation plan due to mechanical problems encountered during the reinstallation of two generator units and corresponding impacts to flows. BMPC estimates that all units will be operational by October 2015, but notes that flow conditions suitable for locating the canoe put-in are most likely to occur in March

[18] http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=13591461
[19] http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=13844753

or April 2016. A reservoir winter drawdown, which typically takes place in December, may provide suitable flows, but those flows are historically inconsistent. As a result, BMPC requested an extension of time to May 31, 2016 to file the recreation plan, including the results of tailrace velocity testing.

On May 7, 2015[20], FERC issued an order modifying and granting extension of time to BMPC to file the recreation plan. BMPC has received approval to delay the final installation of the canoe portage pursuant to the need to have all four units in the North Powerhouse running to conduct full flow calculations in order to set the placement of the canoe portage.

By November 1, 2015, BMPC must file with FERC a plan to conduct a project facility assessment to determine the location for the canoe put-in at the tailrace of the north powerhouse. The plan must be developed after consultation with the Corps, KWPT, SHPO and the City. At a minimum, the plan must describe when and under what flow conditions the project facility assessment will take place and how the consulting agencies will be involved in the assessment. The plan must also include a status report on BMPC's progress on other elements of the recreation plan. BMPC must allow a minimum of 30 days for the agencies to comment and to make recommendations before filing the plan with the FERC. The filing must include documentation of agency consultation. If the licensee does not adopt a recommendation, the filing must include BMPC's reasons, based on project-specific reasons.

Due to the urgency of filing and finalizing the recreation plan, I recommend that BMPC should document in BMPC's annual statement to LIHI a summary on the status and progress of this issue.

LIHI Criterion-Facilities Recommended for Removal

A review of the FERC docket indicates that during the prior LIHI certification period, EBH does not have any facility that has been recommended for removal by a natural resource agency.

[20] http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=13870396

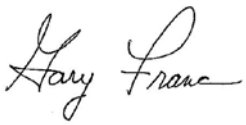
RECOMMENDATION

A review of the recertification application, additional documentation noted herein, public comments submitted in writing or other communications with resource agencies and other entities, and a FERC docket search from the start of the previous LIHI certification, July 9, 2009 through to the end of the certification on July 9, 2014 and through September of 2015, has been conducted.

Although the project has been expanded by the addition of a new North Powerhouse and a pneumatic flashboard system, it continues to operate as ROR and its operation has not changed much overall. The increase in hydraulic capacity has not been deemed to worsened conditions for fish, wildlife, or water quality by any resource agencies. Therefore, I have concluded that the overall changes are insufficient to claim that material changes have occurred.

Due to the recent implementation of the revised POMP, I recommend that if any future deviations occur, they be documented in BMPC's annual statement to LIHI along with an adequate explanation and recommendation of how to avoid similar violations in the future. Also, due to the urgency of filing and finalizing the recreation plan, I also recommend that BMPC should document in BMPC's annual statement to LIHI a summary on the status and progress of this issue.

Based on BMPC's agreement to these two conditions, I recommend that BMPC be issued a conditional LIHI recertification for an additional five years for the Bowersock Mills Project, FERC Dockets P-13526.



Gary M. Franc

FRANC LOGIC

Licensing & Compliance
Hydropower Consulting & Modeling

APPENDIX A

PERTINENT DOCUMENTS

From: Scott Satterthwaite [ssatterthwaite@kdheks.gov]
Sent: Wednesday, October 01, 2014 3:15 PM
To: Sarah Hill-Nelson
Cc: Don Carlson; Tom Stiles
Subject: RE: Low Impact Hydropower Certification

Sarah, you also. We have reviewed your questions and concur with your answers. For clarification, the segment of the KS River is on the 303 dlist however, the facility has not been implicated as a source of the impairment. Your key contacts should be as follows:

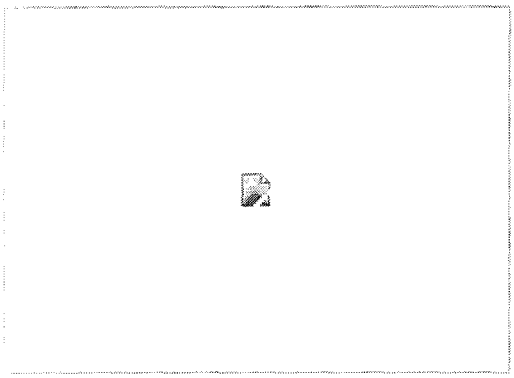
Water quality standards questions-
Mr. Tom Stiles, Chief
Kansas Department of Health and Environment
Bureau of Water
Watershed Planning, Monitoring, and Assessment Section
1000 SW Jackson St., Suite 420
Topeka, KS 66612-1367
(785) 296-6170
FAX: (785) 296-5509
tstiles@kdheks.gov

For NPDES permitting questions-
Mr. Don Carlson, Chief
Kansas Department of Health and Environment
Bureau of Water
Industrial Programs Section
1000 SW Jackson St., Suite 420
Topeka, KS 66612-1367
(785) 296-5547
FAX: (785) 296-5509
DCarlson@kdheks.gov

Thanks,

Scott

Scott L. Satterthwaite
Kansas Department of Health and Environment
Bureau of Water, Watershed Management Section
1000 S.W. Jackson St., Suite 420
Topeka, KS 66612-1367
Phone (785) 296-5573
FAX (785) 296-5509
ssatterthwaite@kdheks.gov
Check out our web site! www.kdheks.gov/nps



From: Sarah Hill-Nelson [mailto:shn@bowersockpower.com]
Sent: Sunday, September 28, 2014 5:28 PM
To: Scott Satterthwaite
Subject: Low Impact Hydropower Certification

Hi Scott,

It is Sarah Hill-Nelson writing from Bowersock. I hope you are well. We are in the process of applying for re-certification as a Low-Impact Hydropower Plant, and I am filling out a questionnaire.

Can you possibly review the following questions and my answers and advise if they are correct or need revision?

A. Flows	PASS	FAIL
1) Is the Facility in Compliance with Resource Agency Recommendations issued after December 31, 1986 regarding flow conditions for fish and wildlife protection, mitigation and enhancement (including in-stream flows, ramping and peaking rate conditions, and seasonal and episodic instream flow variations) for both the reach below the tailrace and all bypassed reaches?	YES = Pass, Go to B N/A = Go to A2 As a run-of-river facility, BMPC is required to pass flows as they reach the Bowersock Dam, but has not been issued any conditions in addition to passing existing flows.	NO = Fail
2) If there is no flow condition recommended by any Resource Agency for the Facility, or if the recommendation was issued prior to January 1, 1987, is the Facility in Compliance with a flow release schedule, both below the tailrace and in all bypassed reaches, that at a minimum meets Aquatic Base Flow standards or "good" habitat flow standards calculated using the Montana-Tennant method?	YES = Pass, go to B NO = Go to A3 N/A	The State of Kansas has established minimum desirable streamflow targets for the Kansas River with standards other than the Montana-Tennant method. As a run-of-river operation, the BMPC project passes all flows that reach the Bowersock Dam as managed by the Kansas Agencies of Health and Environment, Agriculture, and the USACE, all of which determine flows in the

		Kansas River. The exception to this is millpond refills which are conducted in full collaboration with all stakeholders.
3) If the Facility is unable to meet the flow standards in A.2., has the Applicant demonstrated, and obtained a letter from the relevant Resource Agency confirming that demonstration, that the flow conditions at the Facility are appropriately protective of fish, wildlife, and water quality?	YES = Pass, go to B	NO = Fail
B. Water Quality	PASS	FAIL
1) Is the Facility either: a) In Compliance with all conditions issued pursuant to a Clean Water Act Section 401 water quality certification issued for the Facility after December 31, 1986? Or b) In Compliance with the quantitative water quality standards established by the state that support designated uses pursuant to the federal Clean Water Act in the Facility area and in the downstream reach?	YES = Go to B2	NO = Fail
2) Is the Facility area or the downstream reach currently identified by the state as not meeting water quality standards (including narrative and numeric criteria and designated uses) pursuant to Section 303(d) of the Clean Water Act?	YES = Go to B3 NO = Pass	
3) If the answer to question B.2 is yes, has there been a determination that the Facility does not cause, or contribute to, the violation?	YES = Pass	NO = Fail

Thanks for your assistance! I may need reach out to you on some other questions. In addition, I am requested to name key contact people for the various state and federal agencies that regulate Bowersock. May I use you as the primary contact person for KDHE? Are there others I should include?

Please advise.

Thanks in advance.

Sincerely,

Sarah

The Bowersock Mills and Power Company
P.O. Box 66
500 South Powerhouse Road

Lawrence, Kansas 66044
Office/Mobile: 785-766-0884
Plant/Fax: 785-843-1385
shn@bowersockpower.com
www.bowersockpower.com
"Producing clean, renewable hydropower since 1874."

Operations Office
512 SE 25th Ave.
Pratt, KS 67124-8174

Kansas
Department of Wildlife, Parks and Tourism

Phone: (620) 672-5911
Fax: 620-672-6020
www.kdwp.state.ks.us

Robin Jennison, Secretary

Sam Brownback, Governor

March 9, 2015

Sarah Hill-Nelson
P.O. Box 66
Lawrence, KS 66044

RE: Low Impact Hydropower Institute (LIHI) Recertification of Bowersock Mills & Power Company (BMPC)

Dear Ms. Hill-Nelson:

After careful review of the proposed draft, BMPC Expanded Kansas River Hydropower Project – Project Operations Monitoring Plan –Rubber Dam Revision, the Kansas Department of Wildlife, Parks and Tourism has the following comments:

- **Communication to Relevant Agencies**: "*communicate significant anticipated or unplanned changes of 6 inches or more from the authorized millpond level of 813.5*"

  Pursuant the *Kansas Nongame and Endangered Species Conservation Act* of 1975, KDWPT has regulatory authority over several aquatic species in the Kansas River and request that the department be added to the list of agencies to contact when Article 401 conditions change and for the BMPC Millpond Refill procedures.

After careful review of the proposed responses to the LIHI questionnaire, the Kansas Department of Wildlife, Parks and Tourism has the following comments:

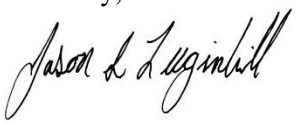
- **Section C., Number 5bii, Fish Passage and Protection**: BMPC is committed to the installation of fish passage as part of the LIHI license; however, at this time there is consensus within our natural resource agency that an aquatic organism passage structure could increase potential impacts to upstream systems and is discouraged because the dam currently operates as an impediment to the spread of aquatic non-native species. Future research may reveal that the movement and impacts of non-natives upstream of BMPC do not pose threats to native organisms and systems and at this time, discussions would engage to provide passage to facilitate upstream movement of all aquatic organisms.

After careful review of the proposed responses to the LIHI questionnaire, the Kansas Department of Wildlife, Parks and Tourism has the following comments:

- **Section E., Threatened and Endangered Species Protection**: Consultation for Threatened and Endangered Species upstream and downstream of BMPC has demonstrated that at this time aquatic organism passage could negatively impact federal and state trust species upstream BMPC because of non-native populations inhabiting the Kansas River below BMPC. Therefore, BMPC and facility operations are in accordance with Kansas Department of Wildlife, Parks and Tourism biological opinion of the current conditions although future conditions may deem otherwise. Please refer to Section C statements above.

Please contact me via email or phone for further questions, comments or concerns. jason.luginbill@ksoutdoors (785) 296-6026

Sincerely,



Jason S. Luginbill
Ecological Services Section, Chief
Kansas Department of Wildlife, Parks and Tourism

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Kansas Ecological Services Field Office
2609 Anderson Avenue
Manhattan, Kansas 66502

March 19, 2015

Sarah Hill-Nelson
Bowersock Mill and Power Company
P.O. Box 66
Lawrence, KS 66044

RE: Low Impact Hydropower Institute (LIHI) Recertification of Bowersock Mills & Power Company (BMPC)

Dear Ms. Hill-Nelson:

As per your request regarding our October 31, 2014 comments from the LIHI worksheet concerning BMPC impacts to riverine natural resources:

Section C – Fish Passage and Protection

C.1. Yes, American eel is likely occasionally present.

C.3. American eel is likely occasionally present at the site, and likely passes the dam during periods of high flow. The last reported capture of the species in the Kansas River basin that I am aware of was in 2005, below Wilson Reservoir dam (many miles upstream).

Fish passage at this facility has been considered by the USFWS and KDWPT, however never pursued and never mandatorily.

The Kansas River downstream of this structure is now inhabited by the invasive species silver and bighead carps. For this reason, USFWS believes at present that it is advantageous to not have fish passage. If passage was in place these carps would likely expand their range greatly. It is believed if this occurred that these carps would be introduced to upstream impoundments managed for sportfishing, likely disrupting the reservoirs food chain and quality of sportfishing.

C.5.a. There is no passage survival rate data for this structure, as American eels only periodically and at extreme low numbers occur in this river basin.

Section E - Threatened and Endangered Species Protection

E.1. Yes, the pallid sturgeon exists downstream in extremely low numbers. Since 2000, nine pallid sturgeon (predominantly hatchery stock) have been captured downstream of the Johnson County Weir, another partial barrier to fish passage on the Kansas River (approximately 30 river miles downstream).

E.2. Yes, a revised recovery plan was published in March 2014. Bowersock Dam is upstream of all recovery management units. The management unit that includes a portion of the Kansas River basin extends upstream only to the Johnson County Weir.

E.3. There has been no formal consultation, biological opinion, or incidental take permit issued related to the operations of Bowersock Dam and pallid sturgeon.

If you have any further comments or questions please feel free to contact me or Vernon Tabor of my staff.

Sincerely,

Daniel W Whitlaw /Acty

Heather Whitlaw
Field Supervisor

cc: KDWPT, ES (Luginbill), Pratt, KS

THE BOWERSOCK MILLS & POWER COMPANY

EXPANDED KANSAS RIVER HYDROPOWER PROJECT
Project Operations Monitoring Plan - Rubber Dam Revision
Rubber Dam Installation
FERC LICENSE P-13526
March 28th, 2015

Federal Energy Regulatory Commission
Project Operations Monitoring Plan Requirements
Expanded Kansas River Hydropower Project
Licensee P-13526

Article 402 of FERC License P-13526 issued to The Bowersock Mills & Power Company for the Expanded Kansas River Hydropower Project requires the development of a Project Operations Monitoring Plan. The following plan meets the requirements as set by FERC.

"The plan shall include, at minimum: (1) the location of gauges to record millpond elevations, flows through the turbines, and gated releases; (2) procedures to record water surface elevations at least hourly; (3) a description of how the project would be operated to maintain compliance with the ROR (run-of-river) requirement of Article 401; (4) procedures to maintain ROR operation during planned and emergency shut-downs; and (5) procedures for refilling the Bowersock Millpond in the event of flashboard collapse, while maintaining adequate flows downstream during refill to maintain aquatic resources. The plan shall detail the mechanisms and structures that would be used, including any periodic maintenance and calibration necessary for any installed devices or gauges, to ensure that the devices work properly, and shall specify how often the millpond elevations and ROR operational compliance shall be recorded.

The licensee shall prepare the plan after consultation with the Kansas Department of Health and Environment, the U.S. Army Corps of Engineers, and the U.S. Fish and Wildlife Service. The licensee shall include with the plan a schedule for implementing the plan, documentation of consultation, copies of comments and recommendations on the completed plan after it has been prepared and provided to the agencies, and specific descriptions of how the agencies' comments are accommodated by the plan. The licensee shall allow a minimum of 30 days for the agencies to comment and to make recommendations before filing the plan with the Commission. If the licensee does not adopt a recommendation, the filing shall include licensee's reasons, based on project-specific information."

PROJECT OPERATIONS MONITORING PLAN - Revised, 3/2015

1. Location of gauges to record millpond elevations, flows through the turbines, and gated releases.

The Bowersock Mills and Power Company (BMPC) will utilize the existing upstream USGS Lecompton Station 0689100, USGS Kansas River at Lawrence, KS Station 06891080 (Upstream of Bowersock Dam) , and the BMPC North Powerhouse millpond gauge to document river flows upstream of the Bowersock Dam, and the BMPC North Powerhouse tailwater gauge and existing USGS Kansas River at Lawrence, KS Station 06891080 (Downstream of Bowersock Dam), USGS DeSoto Station 06892350 to document river flows downstream of the Bowersock Dam. Within the North Powerhouse, three pressure transducers with manual float backup monitor the water surface elevations at 3 separate points: millpond elevation directly upstream of the North Powerhouse, elevation directly behind the North Powerhouse trash racks, and the tail water directly downstream from the North Powerhouse. In addition to the transducers and floats, BMPC will install a manual gauge directly upstream and downstream from the North Powerhouse to confirm and calibrate the transducers.

As stipulated in the Kansas Division of Water Resources Vested Right, File No. DG-11 and Appropriation of Water, File Nos. 45,444 and 47,275, flows through the turbines will be calculated by obtaining two measured values 5 days per week of data necessary to convert the kWh produced and the net head to CFS flow through the turbines. These data are documented in a table that includes the summation of the water diverted through the turbines for each right daily. Gated releases may be documented based on the difference between turbine consumption and downstream flows of the Bowersock Dam.

2. Procedures to record water surface elevations at least hourly

The water surface elevations from the transducers or floats will be recorded by the SCADA program hourly and archived for documentation as required by the Kansas Division of Water Resources. A hard copy document log will be maintained at the BMPC Data Center including daily, weekly and monthly records of operation and generation from both the North and South Powerhouses. Annual reports to the Kansas Department of Agriculture Division of Water Resources, the Energy Information Administration, and any other government agency will be based on these records. An electronic database will record and track the relevant data.

Documentation of water use through the project will be conducted in accordance with the conditions 15 and 18 of the BMPC Division of Water Resources Appropriation of Water, File No. 47,275. Condition numbers 15 and 18 read as follows:

"15. That the applicant shall maintain daily records in a table format that provides two (2) measured values for five (5) days each week obtained at least six (6) hours apart for the following: a) Total feet of head b) Millpond elevation c) Discharge (in CFS). Additionally, the table should include a daily summation of the quantity of water diverted under this appropriation since the beginning of the calendar year for each day. These records shall be submitted monthly to the Division of Water Resources, Topeka Field Office, by the 15th day of each month or upon request of the Topeka Field Office. If necessary, the Chief Engineer or his designated agent can require more frequent measurements."

"18. That the applicant shall maintain an on-site record of hourly millpond surface elevation readings, which can be readily reviewed at the request of Division of Water Resources personnel."

Reports to the Division of Water Resources are public record, and are available to any requestor under the Kansas Open Records Act (KORA). These records may be obtained through a standard KORA request to the Division of Water Resources on the appropriate form. A fee may be required to process the KORA.

While the Kansas Division of Water Resources requests only millpond elevation readings, BMPC will also take hourly tailwater elevation readings in order to meet requirements as established in Article 401 of the BMPC FERC License P-13526 which require that both millpond and tailwater be monitored, so that "at any point in time, flows, as measured immediately downstream of the project, approximate the sum of inflows to the project millpond as measured by hourly water surface elevations."

By documenting both millpond and tailwater surface elevation readings on an hourly basis, BMPC will establish clear documentation of the "run of river" nature of the operation, as per the Federal Energy Regulatory Commission recommendation that BMPC "minimize fluctuations in the millpond surface elevation."

3. A description of how the project would be operated to maintain compliance with the ROR (run-of-river) requirement of Article 401;
BMPC run of river operations are defined by the Federal Energy Regulatory Commission in the license document as follows:

"Article 401. Run-of-River Operation and Bowersock Millpond Levels. To protect aquatic resources in the Kansas River, the licensee shall operate the Expanded Kansas River Hydroelectric Project in run-of-river (ROR) mode, where instantaneous outflows approximate instantaneous inflows to the project. In addition, the licensee shall operate the project to maintain the level of the Bowersock Millpond at elevation 813.5 feet National Geodetic Vertical Datum (NGVD), with deviations no greater than plus or minus 6 inches due to operational constraints.

The licensee shall at all times act to minimize the fluctuation of the Bowersock Millpond surface elevation by maintaining a discharge from the project so that, at any point in time, flows, as measured immediately downstream of the project, approximate the sum of inflows to the project millpond as measured by hourly water surface elevations."

Under normal operations, both BMPC powerhouses will pass all river flows, such that instantaneous outflows approximate instantaneous inflows to the project. Headwater control devices mounted on the dam's crest, Elev. 808 NGVD, will raise the millpond water surface to Elev. 813.5 NGVD plus or minus 6 inches. Two types of devices installed at the dam will facilitate the passage of river flows in excess of the flows which may be passed by the powerhouses. Obermeyer Gates on the north and south ends of the dam (one 20 ft. gate at the north end and fifteen 10 ft. gates at the south end), which can be lowered and raised pneumatically, and a rubber dam, consisting of four separate air bladders, inflated with a low-pressure blower system, which may be inflated or deflated to allow the passage of excess flows. Throughout medium and low-flow conditions, all headwater control devices will be in the raised position (fully inflated), to maintain the millpond headwater at a nominal elevation of 813.5 NGVD.

The existing and new powerhouses will operate as a single unit. With larger turbine/generator sets at the North Powerhouse (maximum flow of @ 1,000 CFS for turbines 9 and 10, and 700 CFS for turbines 8 and 11), and smaller turbine/generator sets at the South Powerhouse (maximum flow of @ 300 CFS), the two powerhouses will operate in tandem to create a smooth power generation curve as flows increase in the river. As river flows increase, units will be placed into operation as indicated for maximum efficiency until all four generators from the North Powerhouse and all 7 generators from the South Powerhouse are online.

As the river flows increase beyond what the 11 turbines can pass, the South or North Obermeyer gates will lower automatically to pass excess flows. The North Obermeyer gate will use transducers and elevation set points to automatically open and close the gate to keep the millpond at elevation 813.5 plus or minus six inches. If the river flows exceed the capacity of all 11 turbines and the North Obermeyer Gates, the South Obermeyer Gates will be lowered to keep the millpond within the appropriate elevation range. The South Obermeyer Gates are automated through the use of a bubbler system. The continuous operation of both sets of Obermeyer Gates as described will allow the millpond elevation to be maintained at the nominal elevation of 813.5 up to river flows of 14,900 CFS, as the operation of the North and South

Powerhouses and both sets of Obermeyer Gates have the capacity to pass approximately 14,900 CFS.

The following table demonstrates the maximum amount of flow the BMPC Expanded Project has the capacity to pass with a river elevation of 814 NGVD.

BMPC Project Structure Flow Capacities at Elevation NGVD 814

BMPC South Powerhouse	2,000 CFS
BMPC North Powerhouse	3,400 CFS
BMPC North Obermeyer Gates	1,500 CFS
BMPC South Obermeyer Gates	8,000 CFS
Total	14,900 CFS

In the event of river flows exceeding 14,900 CFS or below (depending on debris-load in the river), BMPC powerhouse operators will initiate deflation of the rubber dam. The four separate bladders will be deflated in progression, ultimately bringing the entire dam top to its lowest point to allow maximum passage of river flows. The rubber dam bladders will be used to pass flows during high water events (above 14,900 CFS), and not to manage millpond levels. The bladders will either be inflated or deflated, and millpond management level will be maintained through management of the Obermeyer system. This method of operation will allow the downstream river flows to approximate the inflows of the project millpond and minimize any excessive surges in downstream river volume.

Once river flows reach 35,000 CFS or greater, both powerhouses would cease operations. Flows would continue to pass over the dam crest rubber dam section, lowered Obermeyer Gates and the flood passage in the North Powerhouse. Operations at both powerhouses would resume when river flows diminish to approximately 35,000 CFS or below before reinitiating operations.

As river flows recede in the river, BMPC will begin to raise the headwater control structures in progression, such that the millpond level will not go below the authorized level of 813.5 NGVD, eliminating the need for the refill period that was required with the use of manually-raised flashboards.

4. Procedures to maintain ROR operation during planned and emergency shut-downs;
Under planned or emergency shutdown of units, operation will be essentially the same as under normal operations. When the river flows exceed the capacity of the operational turbines in the North and South Powerhouses, the North or South Obermeyer Gates will automatically lower to maintain the nominal 813.5 elevation. If the river flows exceed the capacity of the operational turbines and both sets of Obermeyer Gates (or prior depending on debris-load in the river), powerhouse operators will initiate deflation of the rubber dam. The four separate bladders will be deflated in progression. In event that the rubber bladders are overtopped, a pressure sensor located on the air bladder will initiate automatic deflation, which serves as a backup mechanism, ensuring that air bladders are deflated in the event of high water.

In the event both powerhouses were to lose power, the turbines would be shut down during the outage and therefore would not pass any river flows. The Obermeyer gates would not

immediately fall, but can be lowered by use of a relief valve on the air line supply if required to pass flows. Similarly, the rubber dam air bladders have a release valve, which would allow their deflation to pass flows. If flows were low enough that the majority of the dam top water retention structures were required to maintain millpond elevation, a portable air compressor can be used for operation of both Obermeyer Gate Systems, and the rubber dam system may operate with a generator.
In the event of severe icing, BMPC will continue to operate turbines as they are practicable, and will continue to pass any additional flows as required via the Obermeyer Gate and rubber dam systems.

5. Procedures for refilling the Bowersock Millpond in the event of a maintenance-related drawdown while maintaining adequate flows downstream during refill to maintain aquatic resources; Maintaining ROR Compliance During Millpond Refills
The BMPC operation is considered by FERC to be a run-of-river operation. As with any run-of-river hydropower operation, a millpond refilling period is anticipated following any drawdown, either scheduled or the result of required emergency maintenance. Maintenance may be required on any portion of the water retention system, in the project, which includes headgates, either Obermeyer section, the rubber dam, or the dam itself.

Communication to Relevant Agencies
As directed by the Division of Water Resources and FERC License Article 401, BMPC will communicate significant anticipated or unplanned changes of 6 inches or more from the authorized millpond level of 813.5 as soon as possible, no later than 48 hours after any incident, and prior to any refilling with the following agencies:

- Kansas Department of Agriculture Division of Water Resources
- Kansas Water Office
- Kansas River Water Assurance District No. 1
- Kansas Department of Health and Environment
- US Army Corps of Engineers
- U.S. Fish & Wildlife Service
- Kansas Department of Wildlife, Parks & Tourism

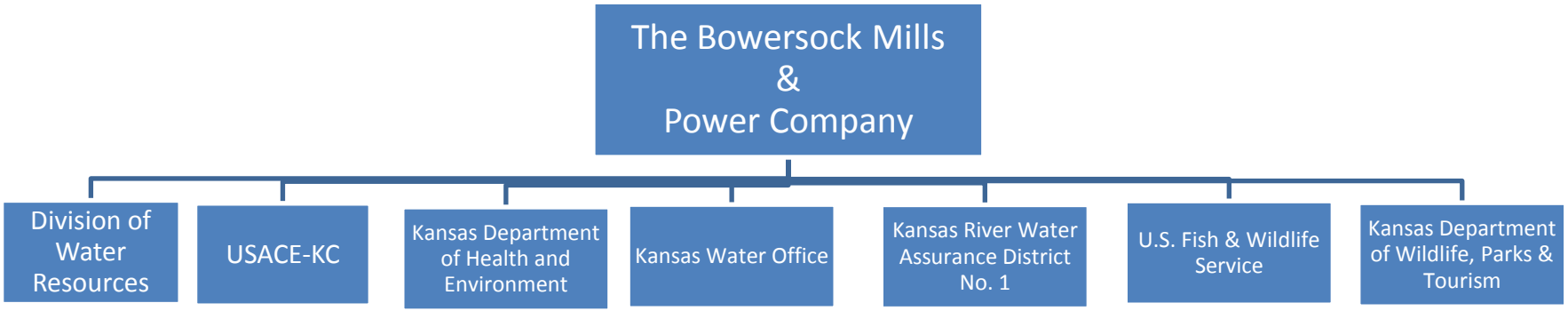
This plan of communication is as per the condition 19 of the Kansas Department of Agriculture Division of Water Resources Appropriation of water, File No. 47,275 which reads as follows:

"19. That per the requirements contained in Article 401 of the Federal Energy Regulatory Commission license for this project, the applicant [BMPC] shall operate the Expanded Kansas River Hydroelectric Project in run-of-river (ROR) mode, maintaining the level of Mill Pond at elevation 813.5 feet NGVD with deviations no greater than plus or minus 6 inches due to operational constraints. Further, in the event that the level of Mill Pond is temporarily modified per the provisions of Article 401, prior to commencing any refilling of Mill Pond the applicant shall contact the Chief Engineer, or an authorized representative of the Chief Engineer, for coordination purposes, and communicate its operational plan for refilling to the Kansas Water Office and the Kansas River Water Assurance District No. 1."

When BMPC experiences an Article 401 condition, BMPC will notify the above-named entities with the level in NGVD of current storage in the millpond, the current operation of each

powerhouse, daily diversion under each water right, and the anticipated duration and timing of the drawdown and refill. With regard to coordination of refilling, BMPC will refer to the Department of Agriculture Division of Water Resources to coordinate those discussions.

BMPC Notification Chart
Bowersock Millpond Refill



Water management on the Kansas River is a responsibility of the Kansas Department of Agriculture Division of Water Resources. As the BMPC water rights and operations are directed by Division of Water Resources, it is anticipated that BMPC will continue to report primarily to the Division of Water Resources, and will look to the Division of Water Resources for the coordination of discussion and collaboration to maintain appropriate river flows while meeting BMPC water rights under low-flow situations.

BMPC will not report significant changes in millpond level above 814 NGVD which take place at high river flows and are a reflection of natural river fluctuations and are outside the control of BMPC operations.

Refilling the Millpond Under Normal Flow Conditions (Not under Administration)

The use of automated (not requiring human power on the dam) headwater control systems will allow BMPC to eliminate many of the millpond refills that were necessary with the manually-raised flashboard system. With the new systems in place, the millpond should only require refilling in the event of required or unplanned maintenance, not as a normal course of operations as it was with the wooden flashboards. Upon completion of any required maintenance of the dam or headwater control systems, BMPC will return all headwater control structures to the raised position, and operate the powerhouses at less than river inflows to facilitate refilling the millpond responsibly to maintain aquatic resources.

Refilling of the millpond under normal flow conditions may occur under BMPC's rights, File Nos. DG-11, 45,444 and 47,275, depending on priority and plant operations. Under File Nos. 45,444 and 47,275,refilling may not interfere with target flows established for the Kansas River Water Assurance Program, meaning that storage under these rights may not result in target flows falling below threshold states in the Kansas River Water Assurance District No. 1 Operations Plan, and that in no case, may any releases from storage made pursuant to the Kansas River Water Assurance District No. 1 Operations agreement be stored in the millpond under any right at any time. Water Assurance District releases are subject to protection by the Division of Water Resources, whereby BMPC shall ensure that a quantity of water equal to or greater than the released quantity will be diverted, by passed, released or otherwise shall pass by, through, or over the Millpond Dam.

It should be noted that under any flow condition, including normal flows, that BMPC relies on three water rights, the most senior of which is Vested Right DG-11, which is of particular relevance during low-flow conditions when the river is under administration.

Refilling the Millpond Under Low Flow Conditions (Under Administration)

BMPC recognizes the importance of collaborating with all stakeholders on the Kansas River to manage water flows effectively, and has a history of over 100 years of operation with positive relationships with other river users. While underscoring the importance of clear communication with all river stakeholders, BMPC respectfully reserves the right established under its senior, Vested water right to make beneficial use of natural flows in the Kansas River to operate the BMPC Project.

In the event of a significant change in millpond level and associated need to refill, BMPC will, for the purposes of coordination, communicate the level in NGVD of current storage in the millpond,

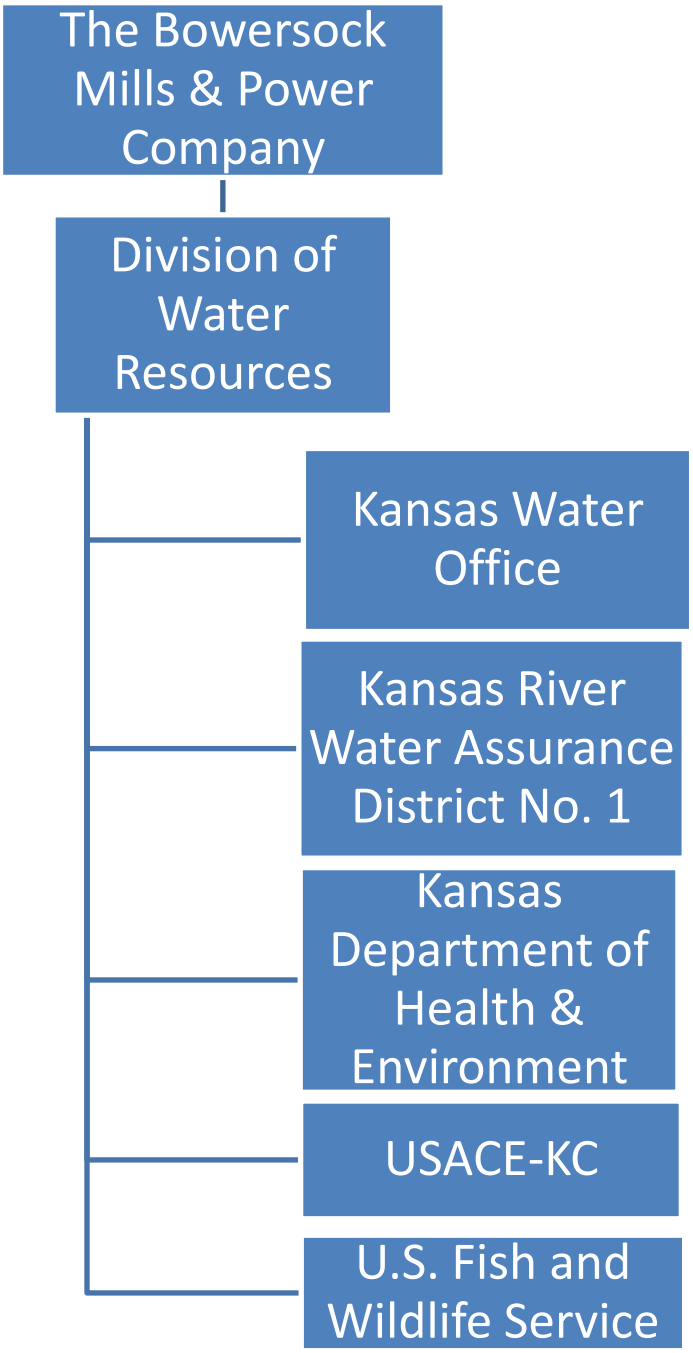
the current operation of each powerhouse, daily diversion under each water right, and the anticipated timing and duration of the fill to the Kansas Department of Agriculture Division of Water Resources, Kansas Water Office, Kansas River Water Assurance District No. 1, Kansas Department of Health and Environment, the USACE-KC and the U.S. Fish and Wildlife Service. The DWR will make determinations on which water right(s) will be storing based on this information and discussions with stakeholder agencies. The timing and duration of the proposed filling will be reviewed.

In consideration of downstream users and aquatic needs, if the proposed plan for refilling the millpond under the senior, Vested right will reduce flows below KRWAD threshold values, or if river flows are under 1500 CFS at the De Soto Gauge and BMPC anticipates deviating from run-of-river operations as defined (where instantaneous outflows approximate instantaneous inflows to the project) by more than 300 CFS or greater, BMPC will notify the above-named agencies, and then work with the Division of Water Resources (which will coordinate with KWO, KRWAD, KDHE, USACE-KC and USFWS), to determine if requesting an additional release from the Water Quality Storage portion of the Water Assurance storage pool pursuant to the upstream Reservation Rights from storage will be necessary, at which time the KWO will request any release necessary from the Army Corps of Engineers.

The Bowersock Mills and Power Company is the owner of vested water right DG-11, dated October 14th, 1959, which grants BMPC the right to "to continue the beneficial use of water from the source (Kansas River at the Bowersock Dam) as stated (which) has been determined and established to be a maximum quantity of 1,000,000 acre feet per year to be diverted at a maximum rate of 2,000 cubic feet per second for water power use." Under the Vested Right, BMPC recognizes the right to refill the Bowersock Millpond using only natural flows at any time the right is in use and, that releases made pursuant to an agreement between the state and the federal government or releases from storage under the authority of the state of Kansas are protected by the Division and may not be stored by BMPC during low flow conditions.

As previously stated, BMPC will report any significant fluctuation over 6 inches of the Bowersock Millpond which is a result of BMPC operations to the relevant, listed agencies. To illustrate, non-reportable fluctuations will occur when river flows are high, naturally above the BMPC headwater control devices, and therefore out of BMPC control. Reportable fluctuations will occur as a result of BMPC operations which alter outflows such that inflows and outflows to the project are not approximately equivalent. Any anticipated changes which are a result of BMPC operations will be communicated in advance, and any unanticipated change which is a result of BMPC operations will be communicated within 48 hours of the incident. In the event that the BMPC Millpond must be refilled when the Kansas River is under administration, every effort will be made to coordinate the refill of the millpond with other river stakeholders with the Kansas Division of Water Resources serving as the primary point of communication between BMPC and other listed river stakeholders.

Communication Flow Chart Re: Coordination of Discussion Required For Refill When River is Under Administration



For further discussion of the BMPC vested water right and Kansas Water Assurance District rights and responsibilities relevant to the BMPC Millpond, see Appendix A.

Schedule for Implementation
The BMPC Project Operations Monitoring Plan has been established for the purposes of the expansion of the BMPC Project to include a new North Powerhouse. Many aspects of the Project Operations Monitoring Plan may only be established upon completion of the North Powerhouse and associated monitoring systems. Based upon these constraints, BMPC anticipates initiating this Project Operations Monitoring Plan upon start of commercial operations of the proposed North Powerhouse.

Incorporation of Comments from Stakeholders:
In developing this Operations and Monitoring Plan, BMPC collaborated with all the agencies stipulated in the FERC license, including the Kansas Department of Health and Environment, the U.S. Army Corps of Engineers, and the U.S. Fish and Wildlife Service. In an effort to engage and incorporate all the stakeholders on the river, BMPC also collaborated on the development of the plan with additional stakeholder agencies, including the Kansas Division of Water Resources and the Kansas Water Office. This original, submitted version of the plan incorporated as many comments and requests from stakeholder agencies as practicable for BMPC Operations, also recognizing that requests from some agencies were in conflict with requests from other agencies. This revised version of the plan will be submitted for review and comment to the same agencies in addition to the Kansas Department of Wildlife, Parks, and Tourism.

For the full text of comments from required agencies, see the following appendices:
Kansas Department of Health and Environment – Appendix B
US Army Corps of Engineers – Appendix C
US Fish and Wildlife – Appendix D

For the full text of comments from additional agencies, see the following appendices:
Kansas Division of Water Resources – Appendix E
Kansas Water Office – Appendix F

For BMPC responses to the comments from each agency, see Appendix G.

Communication with BMPC
The Bowersock Mills and Power Company
P.O. Box 66
500 South Powerhouse Road
Lawrence, Kansas 66044
BMPC South Powerhouse: 785-843-1385
BMPC Administration: 785-766-0884
Primary Contact: Sarah Hill-Nelson
Email: shn@bowersockpower.com

APPENDIX B

SUMMARY OF E-LIBRARY SEARCH (REVERSE CHRONOLOGICAL ORDER)

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Date	FERC ID	Category	**Subject**		**Class**	**Type**	**Availability**	**Info**
8/19/2015	P-13526-002	Submittal	BMPC Response to 2015 FERC Dam Inspection Requests under P-13526.		Report/Form	Dam Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14367457
5/13/2015	P-13526-000	Issuance	Letter to The Bowersock Mills & Power Company by the Chicago Regional Office regarding the Bowersock Status of Generating Units under P-13526.		FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14337438
5/7/2015	P-13526-002	Issuance	Order Modifying and Granting Extension of Time re Bowersock Mills and Power Company's Expanded Kansas River Hydropower Project under P-13526.		Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14335329
4/17/2015	P-13526-002	Submittal	BMPC Project Update and Recreation Plan Extension Request under P-13526.		Report/Form	Dam Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14326453
4/2/2015	P-13526-002	Submittal	Form 80 of The Bowersock Mills & Power Company under P-13526.		Report/Form	Form 80 - Licensed Hydropower Development Recreation Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14320694
4/1/2015	P-13526-007	Submittal	First submission of Form 80 for The Bowersock Mills and Power Company under P-13526.		Report/Form	Form 80 - Licensed Hydropower Development Recreation Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14320292
12/22/2014	P-13526-000	Submittal	The Bowersock Mills & Power Company submits the Acknowledgement of Receipt of the Annual Letter under P-13526.		Applicant Correspondence	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14286038
12/16/2014	P-13526-000	Submittal	The Bowersock Mills Power Company submits the Acknowledgement of Receipt of Annual Letter Form under P-13526.		Applicant Correspondence	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14292312
12/16/2014	P-13526-000	Issuance	Letter to The Bowersock Mills & Power Company by the Chicago Regional Office regarding the Plan and Schedule submitted on December 1, 2014, Bowersock, P-13526.		FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14281129
9/22/2014	P-13526-000	Issuance	Letter to The Bowersock Mills & Power Company informing them to include the FERC Chicago Office contact information on the next Incident Notification Chart for the Kansas River Expanded Hydro Project under P-13526.		FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14257050
8/8/2014	P-13526-007	Issuance	Letter informing Bowersock Mills & Power Company that they are exempt from filing of the FERC Form No. 80 for the Expanded Kansas River Hydroelectric Project under P-13526.		FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14241209
7/22/2014	P-13526-008	Issuance	Letter order granting Bowersock Mills and Power Company's 7/12/14 letter requesting an extension of time until 5/31/15 to file a complete and revised recreation plan for the Bowersock Hydroelectric Project under P-13526.		Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14238618
7/15/2014	P-13526-000	Issuance	Letter acknowledging Bowersock Mills and Power Company's 7/7/14 letter regarding installation of a trash rack of the Bowersock Hydroelectric Project under P-13526.		FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14236120
7/12/2014	P-13526-008	Submittal	BMPC project update. North Powerhouse equipment status. Request for extension for submittal of final Recreation Plan. Project Safety-Related Submission to CRO of The Bowersock Mills & Power Company under P-13526		Applicant Correspondence	Request for Delay of Action/Extension of Time	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14233594
7/12/2014	P-13526-007	Submittal	BMPC requests to submit a single Form 80 for the Expanded Kansas River Hydropower Project (P-13526), which is one project and shares all recreational amenities. Report / Form of The Bowersock Mills & Power Company under P-13526.		Report/Form	Form 80 - Licensed Hydropower Development Recreation Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14233595
7/7/2014	P-13526-002	Submittal	BMPC North Plant Trash Rake Notification under P-13526.		Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14231785

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
3/14/2014	P-13526-000	Submittal	The Bowersock Mills & Power Company submits the annual generation report for the period 10/1/12 through 9/30/13 re the Expanded Kansas River Hydroelectric Project under P-13526.	Report/Form	Annual Generation Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14198664
1/28/2014	P-13526-000	Issuance	Letter reminding Bowersock Mills & Power Co of their license obligation to gather recreation use data for a 12-month period beginning no later than 3/15/14, re Revised Form 80 for the Expanded Kansas River Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14180980
12/30/2013	P-13526-000	Submittal	Comments of Bowersock Mills and Power Company re the Kansas River Expanded Hydropower Project under P-13526.	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14177075
4/18/2013	P-13526-002	Submittal	Project Safety-Related Submission to CRO of The Bowersock Mills & Power Company under P-13526, Response to FERC Letter of 1.16.2013. Revised Dam Survey and Revised DSSMP.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14108253
4/18/2013	P-13526-002	Submittal	Project Safety-Related Submission to CRO of The Bowersock Mills & Power Company under P-13526, Response to FERC Letter of 1.16.2013. Revised Dam Survey and Revised DSSMP.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14108254
2/8/2013	P-13526-000	Issuance	Letter acknowledging Bowersock Mills and Power Company's updated Public Safety Plan for the Bowersock Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14091472
2/4/2013	P-13526-002	Submittal	Project Safety-Related Submission to CRO of The Bowersock Mills & Power Company 2013 Expanded Kansas River Project Public Safety Plan under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14087897
12/31/2012	P-13526-002	Submittal	Response to FERC Letter of 11.27.2012. Project Safety-Related Submission to CRO of The Bowersock Mills & Power Company under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14078491
12/31/2012	P-13526-002	Submittal	Request for extension for submittal of revised Public Safety Plan for the Expanded Kansas River Hydroelectric Project. Project Safety-Related Submission to CRO of The Bowersock Mills & Power Company under P-13526 et., al.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14078525
12/18/2012	P-13526-000	Issuance	Letter requesting The Bowersock Mills & Power Company to provide drawings showing the locations of the survey points, description & photographs of the survey monuments etc by 1/15/13 re Kansas River expanded Hydropower Project under P-13526.	FERC Correspondence With Applicant	Compliance Directives	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14081321
12/14/2012	P-13526-002	Issuance	Letter requesting S Hill-Nelson to file information that shows Article 5 requirements have been met at Bowersock Mills & Power Co's Expanded Kansas River Project by 8/19/2015 under P-13526.	FERC Correspondence With Applicant	Compliance Directives	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14074633
12/4/2012	P-13526-002	Submittal	Project Safety-Related Submission to CRO of The Bowersock Mills & Power Company under P-13526, Response to FERC Letter Dated 9.28.2012 RE Reservoir Refill	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14071795
11/27/2012	P-13526-002	Submittal	Project Safety-Related Submission to CRO of The Bowersock Mills & Power Company Notification of completion of North Powerhouse. Commencement of operations with full N. Powerhouse Capacity of 4.65 MW under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14069836
11/27/2012	P-13526-000	Issuance	Letter to Bowersock Mills and Power Company re the survey monument and generation start-up for the Kansas River Expanded Hydropower Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14073074
8/17/2012	P-13526-000	Issuance	Letter order accepting The Bowersock Mills & Power Company's 8/14/12 filing of the welder certificate for the Kansas River Expanded Hydropower Project under P-13526.	Order/Opinion	Delegated Order	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14047368
8/14/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company's response to FERC letted dated July 9, 2012 providing the welding certificate for Richard Foreman in P-13526.	Report/Form	Project Operations Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14044923
7/9/2012	P-13526-000	Issuance	Letter requesting The Bowersock Mills & Power Company to submit current certificates or an inspection report by 8/31/12 re the Kansas River Expanded Hydropower Project under P-13526.	FERC Correspondence With Applicant	Compliance Directives	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14040410

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
6/29/2012	P-13526-000	Submittal	The Bowersock Mills and Power Company's responses to FERC letter dated June 08, 2012 in P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14034916
6/29/2012	P-13526-000	Submittal	The Bowersock Mills and Power Company's responses to FERC letter dated June 08, 2012 in P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14034917
6/21/2012	P-13526-000	Issuance	Letter to Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project Obermeyer Gates Modification under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14032355
6/21/2012	P-13526-000	Issuance	Letter to Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project Obermeyer Gates Modification under P-13526.	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14032356
6/20/2012	P-13526-000	Issuance	Letter to The Bowersock Mills & Power Co discussing the calculations and shop drawings for the modification of the existing Obermeyer gates at the south end of the Bowersock Dam re the Kansas River Expanded Hydropower Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14033970
6/13/2012	P-13526-000	Issuance	Letter to the Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project (FERC No.13526) -Part 12 Report Extension.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14030317
6/13/2012	P-13526-000	Issuance	Letter to the Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project (FERC No.13526) -Part 12 Report Extension.	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14030318
5/22/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company South Obermeyer Gate Extension Submittal under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14023787
5/22/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company South Obermeyer Gate Extension Submittal under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14023788
5/8/2012	P-13526-000	Issuance	Letter to The Bowersock Mills & Power Company discussing the proposed laydown floor revision at the Kansas River Expanded Hydropower Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14023552
4/20/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company's responses to FERC laydown floor.	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14015039
4/20/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company's responses to FERC laydown floor.	Comments/Protest	Comment on Filing	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14015040
4/12/2012	P-13526-000	Issuance	Response to the Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project (FERC No.1 3526) Rubber Dam Response Letter Dated 3122/2012	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14012005
4/12/2012	P-13526-000	Issuance	Response to the Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project (FERC No.1 3526) Rubber Dam Response Letter Dated 3122/2012	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14012006
4/12/2012	P-13526-000	Issuance	Letter order accepting Bowersock Mills and Power Company's responses to previous comments regarding the Rubber Dam Design, Kansas River Expanded Hydropower Project under P-13526.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14012239
4/12/2012	P-13526-000	Issuance	Letter order accepting Bowersock Mills and Power Company's responses to previous comments regarding the Rubber Dam Design, Kansas River Expanded Hydropower Project under P-13526.	Order/Opinion	Delegated Order	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14012240
4/4/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company's responses to FERC's additional comments on rubber dam under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14009671

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
4/4/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company's responses to FERC's additional comments on rubber dam under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14009672
4/4/2012	P-13526-000	Submittal	Response to Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project (FERC No.13526) -Gate Structure Revision Responses.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14009680
4/4/2012	P-13526-000	Submittal	Response to Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project (FERC No.13526) -Gate Structure Revision Responses.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14009681
4/4/2012	P-13526-000	Submittal	Response to Bowersock Mills and Power Company regarding the Kansas River Expanded Hydropower Project (FERC No.13526) -Laydown structure.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14009686
4/4/2012	P-13526-000	Submittal	Response to Bowersock Mills and Power Company regarding the Kansas River Expanded Hydropower Project (FERC No.13526) -Laydown structure.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14009687
3/22/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company's revised Rubber dam submittal in P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14005944
3/22/2012	P-13526-000	Submittal	The Bowersock Mills & Power Company's revised Rubber dam submittal in P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14005945
3/12/2012	P-13526-000	Issuance	Email dated 3/13/12 from Nathan Walker re Energy Dissipation Slab under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14005522
3/9/2012	P-13526-000	Submittal	Letter to Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project Diving Inspection Report Supplement under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14002870
3/9/2012	P-13526-000	Submittal	Letter to Bowersock Mills & Power Company regarding the Kansas River Expanded Hydropower Project Diving Inspection Report Supplement under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14002871
3/7/2012	P-13526-005	Submittal	The Bowersock Mills & Power Company's responses to FERC comments regarding energy dissipation slab under P-13526.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14001538
3/7/2012	P-13526-005	Submittal	The Bowersock Mills & Power Company's responses to FERC comments regarding energy dissipation slab under P-13526.	Applicant Correspondence	Supplemental/Additional Information	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14001539
3/6/2012	P-13526-000	Issuance	Letter to Bowersock Mills and Power Company regarding the Kansas River Expanded Hydropower Project (FERC No. 13526) -Gate Structure Revisions.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14001410
3/6/2012	P-13526-000	Issuance	Letter to Bowersock Mills and Power Company regarding the Kansas River Expanded Hydropower Project (FERC No. 13526) -Gate Structure Revisions.	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=14001411
2/27/2012	P-13526-002	Submittal	Dive Response Appendix B Parts 1 & 2 P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999069
2/27/2012	P-13526-002	Submittal	Dive Response. 2006 Dive Report Appendix B Parts 3 & 4 under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999070
2/27/2012	P-13526-002	Submittal	Dive Response. 2006 Dive Report Appendix B Parts 3 & 4 under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999071

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2/27/2012	P-13526-002	Submittal	Dive Response. 2006 Dive Report Appendix C under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999072
2/27/2012	P-13526-002	Submittal	Bowersock Mills & Power Company submits its response to FERC's letter dated 1/24/12 regarding the Dive Inspection Report for the Kansas River Expanded Hydropower Project under P-13526. Dive Report Narrative.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13998893
2/27/2012	P-13526-002	Submittal	Bowersock Mills & Power Company submits its response to FERC's letter regarding the Dive Inspection Report under P-13526. Dive Report Narrative.	Applicant Correspondence	Supplemental/Additional Information	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13998894
2/27/2012	P-13526-002	Submittal	Response to FERC request for additional information regarding dive inspections. 2006 Dive Report. Appendix A Part 1.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999012
2/27/2012	P-13526-002	Submittal	Response to FERC request for additional information regarding dive inspections. 2006 Dive Report. Appendix A Part 1.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999013
2/27/2012	P-13526-002	Submittal	Dive Report Response Appendix A Part 2 under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999040
2/27/2012	P-13526-002	Submittal	Dive Report Response Appendix A Part 2 under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999041
2/27/2012	P-13526-002	Submittal	Dive Response Exhibit 1 FERC Letter dated January 24, 2012 under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999045
2/27/2012	P-13526-002	Submittal	Dive Response Exhibit 1 FERC Letter dated January 24, 2012 under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999046
2/27/2012	P-13526-002	Submittal	Dive Report Response Appendix A Part 3 under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999048
2/27/2012	P-13526-002	Submittal	Dive Report Response Appendix A Part 3 under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999049
2/24/2012	P-13526-002	Submittal	BMPC Response to Jan. 24 Letter RE Dive Inspection Report; supplemental site drawings, under P-13526 et., al.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13998629
2/24/2012	P-13526-002	Submittal	BMPC Response to Jan. 24 Letter RE Dive Inspection Report; supplemental site drawings, under P-13526 et., al.	Applicant Correspondence	Supplemental/Additional Information	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13998630
2/24/2012	P-13526-000	Issuance	Memo - dated 2/24/12 from Peggy Ann Harding to William Allerton re January 2012 minor design change for the Kansas River Project under P-13526.	FERC Memo	Internal Transmittal Memo	Privileged	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13999672
2/22/2012	P-13526-000	Submittal	The Bowersock Mills and Power Company's alternate laydown floor submittal in P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13998252
2/22/2012	P-13526-000	Submittal	The Bowersock Mills and Power Company's alternate laydown floor submittal in P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13998253
2/21/2012	P-13526-000	Issuance	Response to Bowersock Mills and Power regarding the Kansas River Expanded Hydropower Project (FERC No.13526) Turbine Ring Support	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13997796

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
2/21/2012	P-13526-000	Issuance	Response to Bowersock Mills and Power regarding the Kansas River Expanded Hydropower Project (FERC No.13526) Turbine Ring Support	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13997797
2/9/2012	P-13526-000	Submittal	Response to Bowersock Mills and Power Company regarding Kansas River Expanded Hydropower Project -Wall 4 Anchor Revision Filed on February 1,2012 under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13995238
2/9/2012	P-13526-000	Submittal	Response to Bowersock Mills and Power Company regarding Kansas River Expanded Hydropower Project -Wall 4 Anchor Revision Filed on February 1,2012 under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13995239
2/1/2012	P-13526-000	Submittal	The Bowersock Mills and Power Company's wall 4 alternate tie back submittal under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13993109
2/1/2012	P-13526-000	Submittal	The Bowersock Mills and Power Company's wall 4 alternate tie back submittal under P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13993110
1/31/2012	P-13526-000	Submittal	Response to Bowersock Mills & Power Company regarding Kansas River Expanded Hydropower Project (FERC No.13526) November 29,2011 letter	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13992883
1/31/2012	P-13526-000	Submittal	Response to Bowersock Mills & Power Company regarding Kansas River Expanded Hydropower Project (FERC No.13526) November 29,2011 letter.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13992884
1/27/2012	P-13526-005	Submittal	The Bowersock Mills and Power Company's revised gate structure slab submittal under P-13526 et., al..	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13991555
1/27/2012	P-13526-005	Submittal	The Bowersock Mills and Power Company's revised gate structure slab submitta under P-13526 et., al..	Applicant Correspondence	Supplemental/Additional Information	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13991556
1/25/2012	P-13526-000	Issuance	Response to Bowersock Mills regarding Kansas River Expanded Hydropower Project (FERC No.13526) Proposed Rubber Dam Design Drawings.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13990682
1/25/2012	P-13526-000	Issuance	Response to Bowersock Mills regarding Kansas River Expanded Hydropower Project (FERC No.13526) Proposed Rubber Dam Design Drawings.	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13990683
1/24/2012	P-13526-000	Issuance	Response to Bowersock Mills regarding the Kansas River Expanded Hydropower Project (FERC No.13526) Powerhouse Foundation Excavation Submittals	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13990470
1/24/2012	P-13526-000	Issuance	Response to Bowersock Mills regarding the Kansas River Expanded Hydropower Project (FERC No.13526) Powerhouse Foundation Excavation Submittals	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13990471
1/11/2012	P-13526-000	Submittal	The Bowersock Mills and power Company's supporting documentation for installation of a rubber dam in P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13986634
1/11/2012	P-13526-000	Submittal	The Bowersock Mills and power Company's supporting documentation for installation of a rubber dam in P-13526.	Report/Form	Project Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13986635
1/9/2012	Multiple	Issuance	Letter to the parties addressed discussing a wide variety of recreation issues in conjunction with licensing and operation hydropower projects under P-2652 et al.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13991781
1/6/2012	P-13526-006	Issuance	Letter acknowledging Bowersock Mills and Power Company's 1/3/12 request concerning the replacement of a flashboard system with a rubber dam system for the Expanded Kansas River Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13985996

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
11/29/2011	P-13526-000	Issuance	Letter to Bowersock Mills regarding the temporary cofferdam excavation submittals.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13974880
11/29/2011	P-13526-000	Issuance	Letter to Bowersock Mills regarding the temporary cofferdam excavation submittals.	FERC Correspondence With Applicant	General Correspondence	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13974881
11/29/2011	P-13526-000	Issuance	Memo to William Allerton regarding the November 2010 Design Submittals for the Excavation of the New Powerhouse Construction.	FERC Memo	Internal Transmittal Memo	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13974882
11/29/2011	P-13526-000	Issuance	Memo to William Allerton regarding the November 2010 Design Submittals for the Excavation of the New Powerhouse Construction.	FERC Memo	Internal Transmittal Memo	Privileged	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13974883
11/15/2011	P-13526-000	Issuance	Email dated 11/15/11 to Bowersock Mills providing FERC letter dated 11/15/11 under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13976330
11/10/2011	P-13526-000	Issuance	Email dated 10/11/11 from Bowersock Mills providing revised action levels and additional slope stability analyses under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13971322
11/10/2011	P-13526-000	Issuance	Email dated 11/10/11 from Bowersock Mills providing additional slope stability analysis requested during 11/10/11 conference call under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13976500
11/4/2011	P-13526-000	Submittal	Correspondence from Olsson Associates to The Bowersock Mills & Power Company re FERC Email dated 11/3/11 for the Kansas River Expanded Hydropower Project under P-13526.	Applicant Correspondence	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13976367
11/4/2011	P-13526-000	Submittal	Email dated 11/4/11 from Bowersock Mills providing Olson Associates Slope Stability Analyses under P-13526.	Report/Form	Project Operations Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13971341
11/4/2011	P-13526-000	Issuance	Email dated 11/4/11 from Bowersock Mills authorizing that they may procees with the excavation to elevation 770 under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13971577
11/3/2011	P-13526-000	Issuance	Email dated 11/3/11 to Bowersock Mills & Power Co providing comment on the powerhouse excavation under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13969676
11/2/2011	P-13526-000	Submittal	Correspondence from Olsson Associates to The Bowersock Mills & Power Company providing the slope stability calculations related to the Kansas River Expanded Hydropower Project under P-13536.	Applicant Correspondence	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13976351
11/2/2011	P-13526-000	Issuance	Email dated 11/2/11 to Bowersock Mills and Power Company authorizing them to proceed with the excavation to elevation776 for the Bowersock Mills Project under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13969673
11/2/2011	P-13526-000	Issuance	Email dated 11/2/11 from Bowersock Mills providing Olsson 11/2/11 letter with slope stability calculations under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13971574
6/10/2011	P-13526-000	Submittal	The Bowersock Mills & Power Company submits slope stability files et al for the Expanded Kansas River Hydropower Project under P-13526.	Report/Form	Emergency Action Plan	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13931313
6/6/2011	P-13526-002	Submittal	Project Safety-Related Submission to CRO of The Bowersock Mills and Power Company under P-13526. Response to FERC letter dated April 07, 2011, requesting additional information re: diving inspection.	Comments/Protest	Comment on Filing	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13925525
6/6/2011	P-13526-002	Submittal	Project Safety-Related Submission to CRO of The Bowersock Mills and Power Company under P-13526. Response to FERC letter dated April 07, 2011, requesting additional information re: diving inspection.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13925526

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
5/26/2011	P-13526-000	Issuance	Email dated 5/26/11 from Bowersock providing cofferdam dewatering plan under P-13526.	FERC Memo	Internal Transmittal Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13926574
5/20/2011	P-13526-000	Issuance	Email dated 5/20/11 from Bowersock Mills and Power Company with revised slope stability for Profile D Upstream and Downstream Cofferdam under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13926957
5/20/2011	P-13526-000	Issuance	Email dated 5/20/11 to Bowersock with comments on profile D slops stability under P-13526.	FERC Memo	Internal Transmittal Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13927015
5/19/2011	P-13526-000	Submittal	Bowersock Power submits revised slope stability for downstream cofferdam re the Bowersock Project under P-13526.	Report/Form	Dam Safety Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13926612
5/19/2011	P-13526-000	Issuance	Email dated 5/19/11 from Bowersock with Cofferdam approval letter under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13927151
5/19/2011	P-13526-000	Issuance	Email dated 5/19/11 with USACE comments on Bowersock utility lines under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13927152
5/19/2011	P-13526-000	Issuance	Email dated 5/19/11 from Office of Energy Projects re the design calculation for stability of soldier pile and lagging system for powerhouse excavation under P-13526.	FERC Memo	Telephone Conversation or Electronic Mail Memo	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13927013
3/18/2011	P-13526-004	Issuance	Order approving financing plan under Article 306 re Bowersock Mills and Power Company under P-13526.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13901517
3/15/2011	P-13526-004	Submittal	The Bowersock Mills and Power Company Expanded Kansas River Hydropower Project Financing Plan. Submission includes public cover + CEII Financing Plan under P-13526.	Report/Form	Project Operations Compliance Report	Privileged	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13900239
3/15/2011	P-13526-004	Submittal	The Bowersock Mills and Power Company Expanded Kansas River Hydropower Project Financing Plan. Submission includes public cover + CEII Financing Plan under P-13526.	Report/Form	Project Operations Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13900240
2/11/2011	P-13526-000	Issuance	Letter order accepting The Bowersock Mills & Power Company's filing of the 2010 Spillway Gate Operation Certificates for the Kansas River Hydroelectric Project under P-13526.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13894899
2/3/2011	P-13526-002	Submittal	Revised Article 404 of The Bowersock Mills and Power Company under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13888536
1/31/2011	P-13526-002	Submittal	Supplemental Information of The Bowersock Mills and Power Company under P-13526, BMPC Project Operations Monitoring Plan	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13887046
1/10/2011	P-13526-002	Submittal	The Bowersock Mills & Power Co's CD to their submittal of revised exhibits for Article 202 etc under P-13526. (files not loaded: idx).	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13885300
1/10/2011	P-13526-002	Submittal	The Bowersock Mills & Power Co submits revised exhibits for Article 202 etc under P-13526.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13885072
12/30/2010	P-13526-002	Submittal	Project Safety-Related Submission to CRO of The Bowersock Mills and Power Company under P-13526. Annual Spillway Gate Operation Certificate	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13877554
12/20/2010	P-13526-002	Issuance	Order granting extension of time re Bowersock Mills & Power Company under P-13526.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13874802

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
12/14/2010	P-13526-000	Issuance	Letter to the Bowersock Mills & Power Co discussing 11/23/10 request for permission to start modification etc under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13874955
12/8/2010	P-13526-002	Issuance	Letter requesting Bowersock Mills & Power Company to provide revised files w/in 30 days taking note to correct all deficiencies identified in the 11/29/10 filing of Exhibits re the Expanded Kansas River Project under P-13526.	FERC Correspondence With Applicant	Compliance Directives	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13872592
12/3/2010	P-13526-002	Submittal	Request of BOWERSOCK MILLS & POWER COMPANY under P-13526. P-13526 Expanded Kansas River Hydropower Project Project Financing Plan.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13870640
12/3/2010	P-13526-002	Submittal	Request of BOWERSOCK MILLS & POWER COMPANY under P-13526. P-13526 Expanded Kansas River Hydropower Project Project Financing Plan.	Applicant Correspondence	Supplemental/Additional Information	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13870641
11/24/2010	P-13526-002	Submittal	Bowersock Mills & Power Company's CD containing Exhibit F Drawings et al re the Expanded Kansas River Hydropower Project under P-13526. (Files not loadable - tiff, idx)	Report/Form	Project Operations Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13869099
11/24/2010	P-13526-005	Submittal	Request of BOWERSOCK MILLS & POWER COMPANY for extension of time for submission of Operations. Monitoring Plan under P-13526-005	Applicant Correspondence	Request for Delay of Action/Extension of Time	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13868441
11/23/2010	P-13526-002	Submittal	BOWERSOCK MILLS & POWER COMPANY request to modify access to north end of Bowersock Dam under P-13526.	Report/Form	Project Safety Compliance Report	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13868149
9/30/2010	P-13526-000	Submittal	Olsson Associates submits the plans under P-13526.	Report/Form	Project Operations Compliance Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13868206
9/30/2010	P-13526-000	Submittal	Olsson Associates submits the plans under P-13526. LARGE FORMATS ONLY.Availability: CEII	Report/Form	Project Operations Compliance Report		http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13869562
9/30/2010	P-13526-003	Issuance	Order certifying in incremental hydropower generation for production tax credit re Bowersock Mills and Power Company under P-13526.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13852758
9/8/2010	P-13526-002	Submittal	Bowersock Mills and Power Co submits contact information for Sarah H. Hill-Nelson re Expanded Kansas River Hydro Project under P-13526.	Applicant Correspondence	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13846096
9/8/2010	Multiple	Issuance	Letter to The Bowersock Mills & Power Company reporting that the specific requirement must be satisfied before they start constructions for the Bowersock Mills and Power Company Project under P-13256 et al.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13847807
8/31/2010	Multiple	Issuance	Errata notice re Bowersock Mills and Power Company under P-13526 et al.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13844030
8/31/2010	P-13526-000	Issuance	Dam Safety Inspection Report by Chicago Regional Office for The Bowersock Mills and Power Company, Kansas River Project for the period 9/18/07 to 7/7/10 under P-13526.	FERC Report/Study	Dam Safety Inspection Report/Operation Report	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13846629
8/25/2010	P-13526-002	Issuance	Letter to Bowersock Mills and Power Company discussing the guidelines to maintain compliance of their license requirements for the Expanded Kansas River Hydropower Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13843294
8/25/2010	P-13526-003	Submittal	Application for certification of project capacity addition undertaken through expansion P-13526 as "incremental hydropower."	Application/Petition/Request	Application To Amend License or Exemption	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13842717
8/19/2010	Multiple	Issuance	Order issuing original license and terminating exemption from license re Bowersock Mills and Power Company under P-13526 et al.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13840840

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
8/19/2010	P-13526-002	Issuance	Notice of availability of Environmental Assessment re Bowersock Mills and Power Company under P-13526.	Notice	Formal Notice	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13840852
8/19/2010	P-13526-000	Issuance	Letter requesting Bowersock Mills & Power Company to provide the 2010 Gate Operation Certification by 12/31/10 under P-13526.	FERC Correspondence With Applicant	Compliance Directives	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13842622
8/5/2010	P-13526-000	Issuance	Memo dated 8/5/10 discussing the review of project safety for licensing purposes re Kansas River Project under P-13526.	FERC Memo	Internal Transmittal Memo	Privileged	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13838323
7/29/2010	P-13526-002	Submittal	Ammendment to Application of The Bowersock Mills and Power Company under P-13526.	Application/Petition/Request	Application To Amend License or Exemption	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13835847
7/6/2010	P-13526-000	Issuance	Letter to Bowersock Mills & Power Company in response to their letter dated 6/4/10 submitting the Final Construction Report for the damn repair work conducted at their Bowersock Mills and Power Company Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13831889
6/11/2010	P-13526-002	Submittal	Motion to Intervene of US Department of the Interior under P-13526.	Other Submittal	Government Agency Submittal	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13824550
6/9/2010	P-13526-002	Submittal	Comments of Department of the Interior under P-13526 dated 6/10/10.	Other Submittal	Government Agency Submittal	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13824129
6/9/2010	P-13526-000	Issuance	Letter to Bowersock Mills & Power Company discussing the pre license inspection scheduled for 7/7/10 re the Bowersock Mills Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13826986
5/13/2010	Multiple	Submittal	Signed Letter of Understanding by the US Army Corps of Engineers, Kansas City District concerning cooperating agency status and protocol under P-13526.	Agreement/Understanding/Contract	Memoranda of Understanding(MOU)/ Memoranda of Agreement (MOA)	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13817154
5/11/2010	P-13526-002	Issuance	Letter to US Army Corps of Engineers discussing the Letter of understanding for the Bowersock Mills and Power Company Expanded Kansas River Hydropower Project under P-13526.	Informational Correspondence	Informational Correspondence (Miscellaneous Issuances)	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13816341
5/10/2010	P-13526-002	Submittal	Supplemental Information / Request of The Bowersock Mills and Power Company under P-13526. BMPC Additional Information Request Response.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13816143
4/16/2010	P-13526-002	Issuance	Notice of application accepted for filing, soliciting motions to intervene and protests, ready for environmental analysis, and soliciting comments, terms & conditions, recommendations, and prescriptions re Bowersock Mills and Power Company under P-13526.	Notice	Formal Notice	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13808984
4/16/2010	P-13526-002	Issuance	Letter informing The Bowersock Mills and Power Company that minor additional information is needed w/in 30 days in order to complete FERC's analysis of their license application re the Kansas River Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13809088
4/12/2010	P-13526-002	Submittal	Amendment to Application of The Bowersock Mills & Power Co under P-13526-002. 401 Water Quality Certification Request to Kansas Department of Health & Environment (KDHE); Official KDHE 401 Water Quality Certification - BMPC Operations. Ltr Dated:1/29/10.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13807697
4/12/2010	P-13526-002	Issuance	Letter to the U.S. Army Corps of Engineers, Kansas City District discussing Letter of Understanding for the Bowersock Mills and Power Company Expanded Kansas River Hydropower Project under P-13526.	FERC Correspondence With Government Agencies	FERC Correspondence With Government Agencies	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13807471
4/5/2010	P-13526-001	Submittal	Cooperating Agency Request and Initial Comments for Environmental Assessment of US Army Corps of Engineers, Kansas City District under P-13526.	Other Submittal	Government Agency Submittal	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13805764
3/10/2010	P-13526-000	Submittal	Comment of Michele McNulty in Docket(s)/Project(s) P-13526 Submission Date: 3/10/2010	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13799549

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
3/5/2010	P-13526-001	Issuance	Letter to Prairie Band of Potawatomi Nation requesting consultation concerning the Bowersock Mills and Power Co's Expanded Kansas River Hydropower Project, response due by April 7, 2010 under P-13526.	Informational Correspondence	Informational Correspondence (Miscellaneous Issuances)	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13798617
3/5/2010	P-13526-001	Issuance	Letter requesting the Osage Nation Tribal Historic Preservation Office to respond by April 7, 2010 re Consultation concerning the Bowersock Mills and Power Co's Expanded Kansas River Hydropower Project under P-13526.	Informational Correspondence	Informational Correspondence (Miscellaneous Issuances)	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13798618
3/5/2010	P-13526-001	Issuance	Letter requesting the Kickapoo Indian Tribe of Indians of the Kickapoo Reservation in Kansas to respond by 4/7/10 re consultation for Bowersock Mills and Power Co's Expanded Kansas River Hydropower Project under P-13526.	Informational Correspondence	Informational Correspondence (Miscellaneous Issuances)	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13798620
3/5/2010	P-13526-001	Issuance	Letter requesting Sac and Fox Nation of Missouri in Kansas and Nebraska to respond by 4/7/10 re consultation for Bowersock Mills and Power Co's Expanded Kansas River Hydropower Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13798621
3/5/2010	P-13526-001	Issuance	Letter to Iowa Tribe of Kansas and Nebraska requesting consultation re The Bowersock Mills and Power Company's Expanded Kansas River Hydropower Project, response due by April 7, 2010 under P-13526.	Informational Correspondence	Informational Correspondence (Miscellaneous Issuances)	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13798622
3/4/2010	P-13526-001	Submittal	Comment of Mark R Spencer in Docket(s)/Project(s) P-13526 Submission Date: 3/4/2010	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13798364
3/3/2010	P-13526-001	Issuance	Notice of application tendered for filing with the Commission; intent to Waive Stage I and Stage II Pre-Filing Consultation requirements and scoping; soliciting additional study requests etc re Bowersock Mills and Power Company under P-13526. vw	Notice	Formal Notice	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13797931
2/26/2010	P-13526-000	Submittal	Ammendment to Application of The Bowersock Mills and Power Company under P-13526. Exhibit F as CEII Document and Public Documentation of Submittal.	Application/Petition/Request	Application for Preliminary Permit	CEII	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13797082
2/26/2010	P-13526-000	Submittal	Ammendment to Application of The Bowersock Mills and Power Company under P-13526. Exhibit F as CEII Document and Public Documentation of Submittal.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13797083
2/17/2010	P-13526-001	Submittal	The Bowersock Mills and Power Co submits notice of the proposed expansion under P-13526.	Application/Petition/Request	Declaration of Intent	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13795163
2/16/2010	P-13526-000	Submittal	Bowersock Mills and Power Company Acknowledgement of receipt of application for 401 Water Quality Certification from the Kansas Department of Health and Environment under P-13526.	Report/Form	Annual Water Quality/Minimum Flow	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13792624
2/8/2010	P-13526-002	Submittal	Appl. For License of The Bowersock Mills and Power Company Expanded Kansas River Project under P-13526-002.	Application/Petition/Request	License/Relicense Application	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13791730
12/15/2009	P-13526-001	Submittal	The Douglas County, Kansas Kaw Drainage District submits comments regarding the potential of the proposed construction to raise the water level in the Baldwin Creek Watershed Basin under P-13526.	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13781030
11/6/2009	P-13526-001	Issuance	Notice of intent to file license application, filing of pre- application document, and approval of use of the traditional licensing process re Bowersock Mills and Power Company's Kansas River Project under P-13526.	Notice	Formal Notice	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13767342
11/5/2009	P-13526-001	Issuance	Letter order granting Bowersock Mills and Power Company's 10/6/09 request to use the traditional licensing process and request for waiver of Stage I and Stage II consultation for the proposed 7.15-megawatt re the Kansas River Project under P-13526.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13767076
10/26/2009	P-13526-001	Submittal	The Bowersock Mills & Power Company Notice of Intent / Pre-Application Document/Request to use Traditional Licensing Process (Docket No. P-13526, Environmental Protection Agency Region 7 comments.	Application/Petition/Request	Declaration of Intent	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13764668
10/23/2009	P-13526-001	Submittal	Supplemental Information / Request of Paul Graves under P-13526, General comments of KS Dept. of Agriculture Division of Water Resources on the agency's regulatory requirements for this project.	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13763988

Date	FERC ID	Category	Subject	Class	Type	Availability	Info
10/22/2009	P-13526-001	Submittal	Comment of arch naramore in Docket(s)/Project(s) P-13526-001 Submission Date: 10/22/2009	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13763173
10/19/2009	P-13526-001	Submittal	Douglas County Kaw Drainage District submits comments regarding Bowersock Mills & Power Company's project under P-13526.	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13765447
10/13/2009	P-13526-001	Submittal	Comments of Jeffrey N Allen concerning the Integrated License Process under P-13526.	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13765444
10/2/2009	P-13526-000	Issuance	Letter to Bowersock Mills and Power Company highlighting the filing requirements of Article 4 of the permit to offer guidance on the preparation of any license application etc re the Company Kansas River Project under P-13526.	FERC Correspondence With Applicant	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13758694
10/2/2009	P-13526-001	Submittal	The Bowersock Mills and Power Company Public notice of filing of NOI, PAD, and Request to use the Traditional Licensing Process under P-13526.	Affirmation	Affidavits/Sworn Statement	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13758660
10/2/2009	P-13526-000	Issuance	Order issuing preliminary permit and granting priority to file license application re Bowersock Mills and Power Company under P-13526.	Order/Opinion	Delegated Order	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13758689
9/24/2009	P-13526-001	Submittal	The Bowersock Mills & Power Company submits their notice of intent, request to use the traditional licensing process, and pre application document for the proposed expansion of the Bowersock Dam under P-13526.	Applicant Correspondence	General Correspondence	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13759111
9/22/2009	P-13526-000	Submittal	he Bowersock Mills and Power Company Published Notice of Publication - Affidavit in Proof of Publication under P-13526.	Applicant Correspondence	Supplemental/Additional Information	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13756317
9/22/2009	P-13526-000	Submittal	Notice of Intent/Pre-Application Document of The Bowersock Mills and Power Company under P-13526.	Report/Form	Pre-Application Document	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13756363
9/11/2009	P-13526-000	Submittal	Comment of Department of the Interior under P-13526.	Comments/Protest	Comment on Filing	Public	http://elibrary.ferc.gov/idmws/search/intermediate.asp?link_info=yes&doclist=13753637