



Pertinent Data Sheet

07-July-2009

FEDERAL ENERGY REGULATORY COMMISSION
OFFICE OF ENERGY PROJECTS
Division of Dam Safety and Inspections

General Data

Dem Number	05287-01-01
Dem Name	Burnshiro
Project Name	Burnshiro
Development	Burnshiro
Lease Name	
Essees/tee	American Land Company, LLC
Owner	Jeffrey Buetner
Country, State	Shenandoah, Virginia
USGS Quad Map	Toms Brook
Latitude	38.8787
Longitude	-78.4873

Hazard Potential	L
Completion Date	1904
River	North Fork Shenandoah
Drainage Area (sq. mi)	850
Downstream City	None
Distance (mi)	0
Last Periodic Inspection	04/07/2009

Hydrologic Data

Hundred-Year Flood (cfs)	88,701
Flood of Record (cfs)	160,000
Date Flood of Record	7/1/1800

Project Works

Dam Height (ft)	12
Nominal Dam Crest Elevation (ft, msl)	670.00
Elevation of Lowest Point of Embankment (ft, msl)	
Normal Freeboard (ft)	0
Length of Dam (ft)	400
Flashboards Installed	No
Elevation of Top of Flashboards (ft, msl)	Not Applicable
Uncontrolled Spillway Width (ft)	280
Uncontrolled Spillway Crest Elev (ft, msl)	670.00
PMP Inflow (cfs)	
PMP Outflow (cfs)	
PMP Reservoir (cfs)	
IDF Inflow (cfs)	
IDF Outflow (cfs)	
IDF Reservoir Elevation (ft, msl)	
IDF Freeboard (ft)	
Number of Penstocks	0
Number of Siphons	0
Number of Canals	0
Number of Locks	0
Number of Powerhouses	2
Number of Generating Units	3
Authorized Generation Capacity (MW)	0.432
Dam Type 1: Gravity	

Reservoir Data

Surface Area (ac)	38
Reservoir Elevation (ft, msl)	
Maximum	
Normal	670.00
Minimum	
Reservoir Storage (ac-ft)	
Maximum	
Normal	200

Safety Requirements

Part 12D Report Required	No
Latest Part 12D Report	Not Applicable
Emergency Action Plan	Not Required
Latest EAP Plan/Modification	Not Applicable
Boat Restraint Barrier Required	No
Date In (Month/Day)	
Date Out	

Gate Details

Gate Category/Number of Gates:

Total Number of Spillway Gates	0
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Types, # of Spillway Gates

~~CONTAINS CRITICAL ENERGY INFRASTRUCTURE INFORMATION~~
- DO NOT RELEASE -