Table 1. Current Design Basis Flood Hazards for Use in the MSA

Mechanism	Stillwater Elevation	Waves/ Runup	Design Basis Hazard Elevation	Reference
Local Intense Precipitation	Not included in DB	Not included in DB	Not included in DB	FHRR Table 4-1
Streams and Rivers				
PMF on Arkansas River	358.0 ft, NGVD29	10.0 ft	368.0 ft, NGVD29	FHRR Table 4-1
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
Failure of Dams and Onsite Water Control/Storage Structures	Not included in DB	Not included in DB	Not included in DB	FHRR Table 4-1
Storm Surge	Not included in DB	Not included in DB	Not included in DB	FHRR Table 4-1
Seiche	Not included in DB	Not included in DB	Not included in DB	FHRR Table 4-1
Tsunami	Not included in DB	Not included in DB	Not included in DB	FHRR Table 4-1
Ice-Induced Flooding	Not included in DB	Not included in DB	Not included in DB	FHRR Table 4-1

Table 1. Current Design Basis Flood Hazards for Use in the MSA

Mechanism	Stillwater Elevation	Waves/ Runup	Design Basis Hazard Elevation	Reference
Channel Migrations/Diversions	Not included in DB	Not included in DB	Not included in DB	FHRR Table 4-1

Note 1: Reported values are rounded to the nearest one-tenth of a foot.

Table 2. Reevaluated Flood Hazards for Flood-Causing Mechanisms for Use in the MSA

Mechanism	Stillwater Elevation	Waves/ Runup	Reevaluated Hazard Elevation	Reference
Local Intense Precipitation				
North Train Bay Door	354.4 ft, NGVD29	Minimal	354.4 ft, NGVD29	FHRR Table 4-2
South Train Bay Door	354.4 ft, NGVD29	Minimal	354.4 ft, NGVD29	FHRR Table 4-2
Between Warehouse and Reactor Building Unit 2	355.0 ft, NGVD29	Minimal	355.0 ft, NGVD29	FHRR Table 4-2
West of Maintenance Building	353.7 ft, NGVD29	Minimal	353.7 ft, NGVD29	FHRR Table 4-2
North of Turbine Building Unit 2	353.7 ft, NGVD29	Minimal	353.7 ft, NGVD29	FHRR Table 4-2
South of Turbine Building Unit 2	355.1 ft, NGVD29	Minimal	355.1 ft, NGVD29	FHRR Table 4-2
South of Central Support Building	354.0 ft, NGVD29	Minimal	354.0 ft, NGVD29	FHRR Table 4-2
North of Central Support Building	357.7 ft, NGVD29	Minimal	357.7 ft, NGVD29	FHRR Table 4-2
Northeast of Turbine Building Unit 2	354.4 ft, NGVD29	Minimal	354.4 ft, NGVD29	FHRR Table 4-2
Transformer Yard	354.4 ft, NGVD29	Minimal	354.4 ft, NGVD29	FHRR Table 4-2
East of Turbine Building Unit 1	354.3 ft, NGVD29	Minimal	354.3 ft, NGVD29	FHRR Table 4-2

Table 2. Reevaluated Flood Hazards for Flood-Causing Mechanisms for Use in the MSA

Mechanism	Stillwater Elevation	Waves/ Runup	Reevaluated Hazard Elevation	Reference
Northwest of Intake Structure	354.1 ft, NGVD29	Minimal	354.1 ft, NGVD29	FHRR Table 4-2
North of Intake Structure	354.2 ft, NGVD29	Minimal	354.2 ft, NGVD29	FHRR Table 4-2
North of ISFSI	356.3 ft, NGVD29	Minimal	356.3 ft, NGVD29	FHRR Table 4-2
South of ISFSI	355.6 ft, NGVD29	Minimal	355.6 ft, NGVD29	FHRR Table 4-2
East of Cooling Tower	351.4 ft, NGVD29	Minimal	351.4 ft, NGVD29	FHRR Table 4-2
West of Warehouse	351.2 ft, NGVD29	Minimal	351.2 ft, NGVD29	FHRR Table 4-2
South of Warehouse	351.4 ft, NGVD29	Minimal	351.4 ft, NGVD29	FHRR Table 4-2
West of Diesel Oil Storage Tank	354.5 ft, NGVD29	Minimal	354.5 ft, NGVD29	FHRR Table 4-2
West of Engineering/Modification Building	352.2 ft, NGVD29	Minimal	352.2 ft, NGVD29	FHRR Table 4-2
Between Engineering/Modification Building and Reactor Building 1	352.7 ft, NGVD29	Minimal	352.7 ft, NGVD29	FHRR Table 4-2
East of Diesel Fuel Storage Vault	353.7 ft, NGVD29	Minimal	353.7 ft, NGVD29	FHRR Table 4-2

Note 1: Reevaluated hazard mechanisms bounded by the current design basis (see Table 1) are not included in this table

Note 2: Reported values are rounded to the nearest one-tenth of a foot.