

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 Section 1.5, 2.1.3 & Table 5
Streams and Rivers Mississippi River Probable Maximum Precipitation	939.2 ft NGVD29	Not applicable	939.2 ft NGVD29	FHRR Section 1.5.1
Failure of Dams and Onsite Water Control/Storage Structures	Not included in DB	Not included in DB	Not included in DB	FHRR Section 1.5
Storm Surge	Not included in DB	Not included in DB	Not included in DB	FHRR Section 1.5
Seiche	Not included in DB	Not included in DB	Not included in DB	FHRR Section 1.5
Tsunami	Not included in DB	Not included in DB	Not included in DB	FHRR Section 1.5
Ice-Induced Flooding	No Impact on the Site Identified	No Impact on the Site Identified	No Impact on the Site Identified	FHRR Section 1.5.2
Channel Migrations/Diversions	Not included in DB	Not included in DB	Not included in DB	FHRR Section 1.5

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	935.8 ft NGVD29	Minimal	935.8 ft NGVD29	FHRR Section 2.1.2 & Tables 5 and 6

Note 1: The licensee is expected to develop flood event duration parameters and applicable flood associated effects to conduct the MSA. The staff will evaluate the flood event duration parameters (including warning time and period of inundation) and flood associated effects during its review of the MSA.

Note 2: Reevaluated hazard mechanisms bounded by the current design basis (see Table 1) are not included in this table

Note 3: Reported values are rounded to the nearest one-tenth of a foot.