

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

<b>Mechanism</b>	<b>Stillwater Elevation</b>	<b>Waves/ Runup</b>	<b>Design Basis Hazard Elevation</b>	<b>Reference</b>
<b>Local Intense Precipitation</b>	Not included in DB	Not included in DB	Not included in DB	Staff Assessment
<b>Streams and Rivers</b> Flooding in Reservoirs - Keowee Reservoir (not calculated at Power Block)	808.0 ft MSL	Not applicable	808.0 ft MSL	Staff Assessment
<b>Failure of Dams and Onsite Water Control/Storage Structures</b>	Not included in DB	Not included in DB	Not included in DB	Staff Assessment
<b>Storm Surge</b>	Not included in DB	Not included in DB	Not included in DB	Staff Assessment
<b>Seiche</b>	Not included in DB	Not included in DB	Not included in DB	Staff Assessment
<b>Tsunami</b>	Not included in DB	Not included in DB	Not included in DB	Staff Assessment
<b>Ice-Induced Flooding</b>	Not included in DB	Not included in DB	Not included in DB	Staff Assessment
<b>Channel Migrations/Diversions</b>	Not included in DB	Not included in DB	Not included in DB	Staff Assessment

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
<b>Local Intense Precipitation</b>	800.4 ft MSL	Minimal	800.4 ft MSL	FHRR Section 3.1
<b>Streams and Rivers</b> Streams and Rivers (Flooding in Reservoirs, Keowee)	808.9 ft MSL	3.3 ft	812.2 ft MSL	FHRR Section 3.2
<b>Failure of Dams and Onsite Water Control/Storage Structures</b> Jocassee Dam Breach - Sunny Day Failure	(b)(3):16 U.S.C. § 8240-1(d); (b)(7)(F) MSL	Not applicable	(b)(3):16 U.S.C. § 8240-1(d); (b)(7)(F) MSL	FHRR Section 3.3

Note 1: The licensee is expected to develop flood event duration parameters and applicable flood associated effects to conduct the MSA consistent with the guidance. The NRC staff has reviewed information related to flood event duration parameters (including warning time and period of inundation).

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.

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