

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				
Unit 1	955.5 ft NGVD29	Minimal	955.5 ft NGVD29	FHRR Section 2.2.1
Unit 2	952.5 ft NGVD29	Minimal	952.5 ft NGVD29	FHRR Section 2.2.1
Unit 3	949.5 ft NGVD29	Minimal	949.5 ft NGVD29	FHRR Section 2.2.1
Streams and Rivers				
Winters Wash (at Cross Section AA)	956.4 ft NGVD29	5.6 ft	962.0 ft NGVD29	FHRR Section 2.2.2 FHRR Table 2-2
East Wash (at Cross Section G2)	978.8 ft NGVD29	4.0 ft	982.8 ft NGVD29	FHRR Section 2.2.2 FHRR Table 2-2
Gila River	776.0 ft NGVD29	Not applicable	776.0 ft NGVD29	FHRR Section 2.2.2
Centennial Wash	888.0 ft NGVD29	Not applicable	888.0 ft NGVD29	FHRR Section 2.2.2
Hassayampa River	942.0 ft NGVD29	Not applicable	942.0 ft NGVD29	Email from Michael Dilorenzo, APS to Juan Uribe, NRC, Subject: "Palo Verde Flood Hazard Reevaluation Report" (ADAMS Accession No. ML15266A226)
Failure of Dams and Onsite Water Control/Storage Structures				
	900.0 ft NGVD29	Not applicable	900.0 ft NGVD29	FHRR Section 2.2.3

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Storm Surge	No Impact on the Site Identified	No Impact on the Site Identified	No Impact on the Site Identified	FHRR Section 2.2.4
Seiche				
45-Acre Reservoir	951.0 ft NGVD29	Not applicable	951.0 ft NGVD29	FHRR Section 2.2.6
85-Acre Reservoir	951.0 ft NGVD29	Not applicable	951.0 ft NGVD29	FHRR Section 2.2.6
Evaporation Ponds	937.0 ft NGVD29	Not applicable	937.0 ft NGVD29	FHRR Section 2.2.6
Tsunami	No Impact on the Site Identified	No Impact on the Site Identified	No Impact on the Site Identified	FHRR Section 2.2.4
Ice-Induced Flooding	No Impact on the Site Identified	No Impact on the Site Identified	No Impact on the Site Identified	FHRR Section 2.2.4
Channel Migrations/Diversions	No Impact on the Site Identified	No Impact on the Site Identified	No Impact on the Site Identified	FHRR Section 2.2.5

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				
Unit 1	957.7 ft NGVD29	Minimal	957.7 ft NGVD29	Staff Assessment
Unit 2	955.0 ft NGVD29	Minimal	955.0 ft NGVD29	Staff Assessment
Unit 3	952.4 ft NGVD29	Minimal	952.4 ft NGVD29	Staff Assessment

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.