

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				
Engineered Safeguards Service Water (ESSW) Pumphouse (South side)	694.8 ft MSL	0.0 ft	694.8 ft MSL	Letter dated September 24, 2015 to the NRC, "Susquehanna Steam Electric Station Flood Hazards Reevaluation Report Information to Support Audit", ADAMS Accession No. ML15267A600.
ESSW Pumphouse Valve Chamber	697.3 ft MSL	0.0 ft	697.3 ft MSL	Email dated October 2, 2015 to the NRC, "Susquehanna: Follow-on Audit Question", ADAMS Accession No. ML15288A563.
Common Diesel Generator Building	679.0 ft MSL	0.0 ft	679.0 ft MSL	Letter dated September 24, 2015 to the NRC, "Susquehanna Steam Electric Station Flood Hazards Reevaluation Report Information to Support Audit", ADAMS Accession No. ML15267A600.
Unit 1 Reactor Building	672.0 ft MSL	0.0 ft	672.0 ft MSL	Letter dated September 24, 2015 to the NRC, "Susquehanna Steam Electric Station Flood Hazards Reevaluation Report Information to Support Audit", ADAMS Accession No. ML15267A600.
Unit 2 Reactor Building	672.0 ft MSL	0.0 ft	672.0 ft MSL	Letter dated September 24, 2015 to the NRC, "Susquehanna Steam Electric Station Flood Hazards Reevaluation Report Information to Support Audit", ADAMS Accession No. ML15267A600.
Common Diesel 'E' Building	678.0 ft MSL:	0.0 ft	678.0 ft MSL:	Letter dated September 24, 2015 to the NRC, "Susquehanna Steam Electric Station Flood Hazards Reevaluation Report Information to Support Audit", ADAMS Accession No. ML15267A600.

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Spray Pond	682.4 ft MSL	2.4 ft	684.8 ft MSL	FSAR Table 4-3
Streams and Rivers Susquehanna River	545.7 ft MSL	2.3 ft	548.0 ft MSL	FHRR Section 2.2.2
Failure of Dams and Onsite Water Control/Storage Structures Offsite Dam Failure	No Impact on the Site Identified	No Impact on the Site Identified	No Impact on the Site Identified	FHRR Section 2.2.3 and Section 2.2.3 & 2.2.7
Cooling Tower Basin Rupture	694.8 ft MSL	Not applicable	694.8 ft MSL	Letter dated September 24, 2015 to the NRC, "Susquehanna Steam Electric Station Flood Hazards Reevaluation Report Information to Support Audit", ADAMS Accession No. ML15267A600.
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	No Impact on the Site Identified	No Impact on the Site Identified	No Impact on the Site Identified	FHRR Section 2.2.4
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 2.2.5

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Channel Migrations/Diversions	No Impact on the Site Identified	No Impact on the Site Identified	No Impact on the Site Identified	FHRR Section 2.2.6

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