

**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	Flood Hazard Reevaluation Report (FHRR) Revision 2, Section 4.1.1
<b>Streams and Rivers</b>				
Probable Maximum Flood (PMF) on the Hudson River	12.7 ft NGVD29	1.0 ft	13.7 ft NGVD29	FHRR Revision 2, Section 2.3.1 and Table 4.1-1
PMF with Low Tide on the Hudson River	13.0 ft NGVD29	1.0 ft	14.0 ft NGVD29	FHRR Revision 2, Section 2.3.1 and Table 4.1-1
PMF with High Tide on the Hudson River	12.4 ft NGVD29	1.0 ft	13.4 ft NGVD29	FHRR Revision 2, Section 2.3.1 and Table 4.1-1
<b>Failure of Dams and Onsite Water Control/Storage Structures</b>				
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
<b>Storm Surge</b>				
Probable Maximum Hurricane (PMH) with Spring High Tide on the Hudson River	13.5 ft NGVD29	1.0 ft	14.5 ft NGVD29	FHRR Revision 2, Section 2.3.1 and Table 4.1-1
Standard Project Hurricane and Standard Project Flood on the Hudson River	13.0 ft NGVD29	1.0 ft	14.0 ft NGVD29	FHRR Revision 2, Section 2.3.1 and Table 4.1-1
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED
REDACTED	REDACTED	REDACTED	REDACTED	REDACTED

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<b>Seiche</b>	Not included in DB	Not included in DB	Not included in DB	FHRR Revision 2, Section 4.1.5
<b>Tsunami</b>	Not included in DB	Not included in DB	Not included in DB	FHRR Revision 2, Section 4.1.6
<b>Ice-Induced Flooding</b>	Not included in DB	Not included in DB	Not included in DB	FHRR Revision 2, Section 4.1.7
<b>Channel Migrations/Diversions</b>	Not included in DB	Not included in DB	Not included in DB	FHRR Revision 2, Section 4.1.8

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**

<b>Mechanism</b>	<b>Stillwater Elevation</b>	<b>Waves/Runup</b>	<b>Reevaluated Hazard Elevation</b>	<b>Reference</b>
<b>Local Intense Precipitation</b>				
Unit 2 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U2-ABFP-2	18.8 ft NGVD29	Minimal	18.8 ft NGVD29	Letter dated August 18, 2014, entitled "Revised FLO-2D Analysis to Address the Current LIP Regarding the Flooding Aspects of Recommendations 2.1 of the Near-Term Task Force Review of the Insights from the Fukushima Dai-ichi Accident Indian Point Units Nos. 2 and 3." ADAMS Accession No. ML16116A060
Unit 2 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U2-ABFP-3	18.8 ft NGVD29	Minimal	18.8 ft NGVD29	
Unit 2 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U2-CB-1	19.1 ft NGVD29	Minimal	19.1 ft NGVD29	
Unit 2 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U2-PAB-1	19.2 ft NGVD29	Minimal	19.2 ft NGVD29	
Unit 2 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U2-ABFP-1	19.0 ft NGVD29	Minimal	19.0 ft NGVD29	
Unit 3 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U3-ABFP-1	18.3 ft NGVD29	Minimal	18.3 ft NGVD29	
Unit 3 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U3-ABFP-2	18.5 ft NGVD29	Minimal	18.5 ft NGVD29	
Unit 3 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U3-ABFP-3	18.6 ft NGVD29	Minimal	18.6 ft NGVD29	
Unit 3 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U3-PAB-1	18.8 ft NGVD29	Minimal	18.8 ft NGVD29	
Unit 3 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U3-PAB-2	18.9 ft NGVD29	Minimal	18.9 ft NGVD29	
Unit 3 Transformer Yard Doors Maximum Water-Surface Elevation - Door ID U3-CB-1	19.2 ft NGVD29	Minimal	19.2 ft NGVD29	

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

Mechanism	Stillwater Elevation	Waves/ Runup	Reevaluated Hazard Elevation	Reference
<p><b>Streams and Rivers</b></p> <p>Cool Season on Hudson River PMF with Snow Pack Coincident with 25-year Surge and 10% Exceedance High Tide</p>	<p>16.5 ft NGVD29</p>	<p>2.1 ft</p>	<p>18.6 ft NGVD29</p>	<p>FHRR Rev. 2 (12/9/2014) Sections 3.4.2.5.1, 3.4.2.5.2, and FHRR (Rev. 12/10/2015) Section 6.2.2</p>
<p><b>Failure of Dams and Onsite Water Control/Storage Structures</b></p> <p>REDACTED</p>	<p>REDACTED</p>	<p>REDACTED</p>	<p>REDACTED</p>	<p>REDACTED</p>
<p><b>Storm Surge</b></p> <p>Combined Event with 150,000 cfs Flow in Hudson River Coincident with the Probable Maximum Storm Surge (PMSS), Including Antecedent Water Level (AWL) and Coincident Wind-Generated Waves (CWGW) – Values Reported in Open Water in River Outboard of River Bulkhead and U2 Intake Structure</p> <p>Combined Event with 150,000 cfs Flow in Hudson River Coincident with PMSS, Including AWL and CWGW – Values Reported in Open Areas of Powerblock Yard Between U2 Intake Structure and U2 Turbine Building</p> <p>Combined Event with 150,000 cfs Flow in Hudson River Coincident with PMSS, Including AWL and CWGW – Values Reported at River-facing Sides of Structures Between the River Bulkhead and the Turbine Buildings (Including West Sides of U2 and U3 Intake Structures) and River-facing (West) Side of U2 and U3 Turbine Buildings</p>	<p>18.9 ft NGVD29</p> <p>18.9 ft NGVD29</p> <p>18.9 ft NGVD29</p>	<p>2.9 ft</p> <p>2.1 ft</p> <p>4.7 ft</p>	<p>21.8 ft NGVD29</p> <p>21.0 ft NGVD29</p> <p>23.6 ft NGVD29</p>	<p>Letter dated April 5, 2016, entitled "Entergy Supplement to Basis for Performance of the Mitigating Strategies Assessment with the Flood Hazard Information and Report for Recommendations 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident" ADAMS Accession No. ML16104A041</p>

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

Mechanism	Stillwater Elevation	Waves/Runup	Reevaluated Hazard Elevation	Reference
<p><b>Storm Surge</b> (continued)</p> <p>Combined Event with 150,000 cfs Flow in Hudson River Coincident with PMSS, Including AWL and CWGW – Values Reported at Location East of U2 and U3 Turbine Buildings</p>	<p>18.9 ft NGVD29</p>	<p>0.0 ft</p>	<p>18.9 ft NGVD29</p>	<p>Letter dated April 5, 2016, entitled "Entergy Supplement to Basis for Performance of the Mitigating Strategies Assessment with the Flood Hazard Information and Report for Recommendations 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident" ADAMS Accession No. ML16104A041</p>

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.