

ATTACHMENT A

Unit 2 and 3 Technical Specifications
Pages 3/4 3-29 prior to Amendments 13 and 2

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Table 3.3-5 (Continued)

INITIATING SIGNAL AND FUNCTIONRESPONSE TIME (SEC)

5.	<u>Steam Generator Pressure - Low</u>	
a.	MSIS	
	(1) Main Steam Isolation (MSIV)	20.9
	(2) Main Feedwater Isolation	10.9
6.	<u>Refueling Water Storage Tank - Low</u>	
a.	RAS	
	(1) Containment Sump Valves Open	50.7*
	(2) ECCS Miniflow Valves Shut	40.7*
7.	<u>4.16 kv Emergency Bus Undervoltage</u>	
a.	LOV (loss of voltage and degraded voltage)	Figure 3.3-1
8.	<u>Steam Generator Level - Low (and No Pressure-Low Trip)</u>	
a.	EFAS	
	(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
	(2) Auxiliary Feedwater (steam/DC train)	30.9 (Note 6)
9.	<u>Steam Generator Level - Low (and ΔP - High)</u>	
a.	EFAS	
	(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
	(2) Auxiliary Feedwater (Steam/DC train)	30.9 (Note 6)
10.	<u>Control Room Ventilation Airborne Radiation</u>	
a.	CRIS	
	(1) Control Room Ventilation - Emergency Mode	Not Applicable
11.	<u>Control Room Toxic Gas (Chlorine)</u>	
a.	TGIS	
	(1) Control Room Ventilation - Isolation Mode	16 (NOTE 5)
12.	<u>Control Room Toxic Gas (Ammonia)</u>	
a.	TGIS	
	(1) Control Room Ventilation - Isolation Mode	36 (NOTE 5)

Table 3.3-5 (Continued)

INITIATING SIGNAL AND FUNCTION	RESPONSE TIME (SEC)
5. <u>Steam Generator Pressure - Low</u>	
MSIS	
(1) Main Steam Isolation (MSIV)	20.9
(2) Main Feedwater Isolation	10.9
6. <u>Refueling Water Storage Tank - Low</u>	
RAS	
(1) Containment Sump Valves Open	50.7*
(2) ECCS Miniflow Valves Shut	50.7*
7. <u>4.16 kV Emergency Bus Undervoltage</u>	
LOV (loss of voltage and degraded voltage)	Figure 3.3-1
8. <u>Steam Generator Level - Low (and No Pressure-Low Trip)</u>	
EFAS	
(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
(2) Auxiliary Feedwater (steam/DC train)	30.9 (NOTE 6)
9. <u>Steam Generator Level - Low (and ΔP - High)</u>	
EFAS	
(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
(2) Auxiliary Feedwater (Steam/DC train)	30.9 (NOTE 6)
10. <u>Control Room Ventilation-Airborne Radiation</u>	
CRIS	
Control Room Ventilation - Emergency Mode	Not Applicable
11. <u>Control Room Toxic Gas (Chlorine)</u>	
TGIS	
Control Room Ventilation - Isolation Mode	16 (NOTE 5)
12. <u>Control Room Toxic Gas (Ammonia)</u>	
TGIS	
Control Room Ventilation - Isolation Mode	36 (NOTE 5)

ATTACHMENT B

Unit 2 and 3 Technical Specification
Pages 3/4 3-29 as Issued by Amendments 13 and 2

Table 3.3-5 (Continued)

<u>INITIATING SIGNAL AND FUNCTION</u>	<u>RESPONSE TIME (SEC)</u>
5. <u>Steam Generator Pressure - Low</u>	
a. MSIS	
(1) Main Steam Isolation (MSIV)	20.9
(2) Main Feedwater Isolation	10.9
6. <u>Refueling Water Storage Tank - Low</u>	
a. RAS	
(1) Containment Sump Valves Open	50.7*
7. <u>4.16 kv Emergency Bus Undervoltage</u>	
a. LOV (loss of voltage and degraded voltage)	Figure 3.3-1
8. <u>Steam Generator Level - Low (and No Pressure-Low Trip)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	40.9*
(2) Auxiliary Feedwater (steam/DC train)	30.9
9. <u>Steam Generator Level - Low (and ΔP - High)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	40.9*
(2) Auxiliary Feedwater (steam/DC train)	30.9
9. <u>Steam Generator Level - Low (and ΔP - High)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	40.9*
(2) Auxiliary Feedwater (Steam/DC train)	30.9
10. <u>Control Room Ventilation Airborne Radiation</u>	
a. CRIS	
(1) Control Room Ventilation - Emergency Mode	Not Applicable
11. <u>Control Room Toxic Gas (Chlorine)</u>	
a. TGIS	
(1) Control Room Ventilation - Isolation Mode	16 (NOTE 5)
12. <u>Control Room Toxic Gas (Ammonia)</u>	
a. TGIS	
(1) Control Room Ventilation - Isolation Mode	36 (NOTE 5)

Table 3.3-5 (Continued)

INITIATING SIGNAL AND FUNCTION	RESPONSE TIME (SEC)
5. <u>Steam Generator Pressure - Low</u>	
a. MSIS	
(1) Main Steam Isolation (MSIV)	20.9
(2) Main Feedwater Isolation	10.9
6. <u>Refueling Water Storage Tank - Low</u>	
a. RAS	
(1) Containment Sump Valves Open	50.7*
7. <u>4.16 kv Emergency Bus Undervoltage</u>	
a. LOV (loss of voltage and degraded voltage)	Figure 3.3-1
8. <u>Steam Generator Level - Low (and No Pressure-Low Trip)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	40.9*
(2) Auxiliary Feedwater (steam/DC train)	30.9
9. <u>Steam Generator Level - Low (and ΔP - High)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	40.9*
(2) Auxiliary Feedwater (steam/DC train)	30.9
9. <u>Steam Generator Level - Low (and ΔP - High)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	40.9*
(2) Auxiliary Feedwater (Steam/DC train)	30.9
10. <u>Control Room Ventilation Airborne Radiation</u>	
a. CRIS	
(1) Control Room Ventilation - Emergency Mode	Not Applicable
11. <u>Control Room Toxic Gas (Chlorine)</u>	
a. TGIS	
(1) Control Room Ventilation - Isolation Mode	16 (NOTE 5)
12. <u>Control Room Toxic Gas (Ammonia)</u>	
a. TGIS	
(1) Control Room Ventilation - Isolation Mode	36 (NOTE 5)

ATTACHMENT C

Unit 2 and 3 Technical Specification
Pages 3/4 3-29 Corrected

Table 3.3-5 (Continued)

<u>INITIATING SIGNAL AND FUNCTION</u>	<u>RESPONSE TIME (SEC)</u>
5. <u>Steam Generator Pressure - Low</u>	
a. MSIS	
(1) Main Steam Isolation (MSIV)	20.9
(2) Main Feedwater Isolation	10.9
6. <u>Refueling Water Storage Tank - Low</u>	
a. RAS	
(1) Containment Sump Valves Open	50.7*
7. <u>4.16 kV Emergency Bus Undervoltage</u>	
a. LOV (loss of voltage and degraded voltage)	Figure 3.3-1
8. <u>Steam Generator Level - Low (and No Pressure-Low Trip)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
(2) Auxiliary Feedwater (steam/DC train)	30.9 (Note 6)
9. <u>Steam Generator Level - Low (and P - High)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
(2) Auxiliary Feedwater (steam/DC train)	30.9 (Note 6)
10. <u>Control Room Ventilation Airborne Radiation</u>	
a. CRIS	
(1) Control Room Ventilation - Emergency Mode	Not Applicable
11. <u>Control Room Toxic Gas (Chlorine)</u>	
a. TGIS	
(1) Control Room Ventilation - Isolation Mode	16 (NOTE 5)
12. <u>Control Room Toxic Gas (Ammonia)</u>	
a. TGIS	
(1) Control Room Ventilation - Isolation Mode	36 (NOTE 5)

Table 3.3-5 (Continued)

INITIATING SIGNAL AND FUNCTION	RESPONSE TIME (SEC)
5. <u>Steam Generator Pressure - Low</u>	
a. MSIS	
(1) Main Steam Isolation (MSIV)	20.9
(2) Main Feedwater Isolation	10.9
6. <u>Refueling Water Storage Tank - Low</u>	
a. RAS	
(1) Containment Sump Valves Open	50.7*
7. <u>4.16 kV Emergency Bus Undervoltage</u>	
a. LOV (loss of voltage and degraded voltage)	Figure 3.3-1
8. <u>Steam Generator Level - Low (and No Pressure-Low Trip)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
(2) Auxiliary Feedwater (steam/DC train)	30.9 (Note 6)
9. <u>Steam Generator Level - Low (and P - High)</u>	
a. EFAS	
(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
(2) Auxiliary Feedwater (steam/DC train)	30.9 (Note 6)
10. <u>Control Room Ventilation Airborne Radiation</u>	
a. CRIS	
(1) Control Room Ventilation - Emergency Mode	Not Applicable
11. <u>Control Room Toxic Gas (Chlorine)</u>	
a. TGIS	
(1) Control Room Ventilation - Isolation Mode	16 (NOTE 5)
12. <u>Control Room Toxic Gas (Ammonia)</u>	
a. TGIS	
(1) Control Room Ventilation - Isolation Mode	36 (NOTE 5)

Table 3.3-5 (Continued)

<u>INITIATING SIGNAL AND FUNCTION</u>	<u>RESPONSE TIME (SEC)</u>
5. <u>Steam Generator Pressure - Low</u>	
MSIS	
(1) Main Steam Isolation (MSIV)	20.9
(2) Main Feedwater Isolation	10.9
6. <u>Refueling Water Storage Tank - Low</u>	
RAS	
(1) Containment Sump Valves Open	50.7*
7. <u>4.16 kV Emergency Bus Undervoltage</u>	
LOV (loss of voltage and degraded voltage)	Figure 3.3-1
8. <u>Steam Generator Level - Low (and No Pressure-Low Trip)</u>	
EFAS	
(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
(2) Auxiliary Feedwater (steam/DC train)	30.9 (Note 6)
9. <u>Steam Generator Level - Low (and P - High)</u>	
EFAS	
(1) Auxiliary Feedwater (AC trains)	50.9*/40.9**
(2) Auxiliary Feedwater (steam/DC train)	30.9 (Note 6)
10. <u>Control Room Ventilation Airborne Radiation</u>	
CRIS	
(1) Control Room Ventilation - Emergency Mode	Not Applicable
11. <u>Control Room Toxic Gas (Chlorine)</u>	
TGIS	
(1) Control Room Ventilation - Isolation Mode	16 (NOTE 5)
12. <u>Control Room Toxic Gas (Ammonia)</u>	
TGIS	
(1) Control Room Ventilation - Isolation Mode	36 (NOTE 5)