

**Table 12.3-1 Thicknesses of Concrete walls that enclose the major components
(Sheet 1 of 4)**

Elevation	Room Name	North	East	South	West	Floor	Ceiling
Inside C/V							
	Primary Shielding	9'-2"					
	Secondary Shielding	4'-0"					
	Outer Shielding	4'-4"					
50'-2"	Letdown heat exchanger Room	4'-0"	2'-0"	2'-0"	2'-0"	1'-1.5"	1'-9"
50'-2"	Regenerative heat exchanger Room	1'-2"	2'-0"	4'-0"	2'-0"	1'-1.5"	2'-0"
50'-2"	Excess letdown heat exchanger Room	2'-0"	2'-0"	4'-0"	2'-0"	1'-1.5"	1'-9"
Reactor Building							
-26'-4"	A-Charging pump Room	3'-8"	5'-11"	4'-0"	2'-0"	Ground	1'-10"
-26'-4"	B-Charging pump Room	3'-8"	2'-0"	4'-0"	4'-0"	Ground	1'-10"
-26'-4"	A-Containment spray/residual heat removal pump Room	3'-4"	3'-4"	2'-6"	-	Ground	2'-6"
-26'-4"	B-Containment spray/residual heat removal pump Room	2'-6"	3'-4"	3'-8"	-	Ground	2'-6"
-26'-4"	C-Containment spray/residual heat removal pump Room	2'-6"	-	3'-8"	3'-4"	Ground	2'-6"
-26'-4"	D-Containment spray/residual heat removal pump Room	3'-4"	-	2'-6"	3'-4"	Ground	2'-6"
-8'-7"	A-Piping Area	3'-4"	3'-4"	-	-	2'-6"	3'-10" ¹⁾
-8'-7"	B-Piping Area	-	3'-4"	3'-8"	-	2'-6"	3'-10" ¹⁾
-8'-7"	C-Piping Area	-	-	3'-8"	3'-4"	2'-6"	3'-10" ¹⁾
-8'-7"	D-Piping Area	3'-4"	-	-	3'-4"	2'-6"	3'-10" ¹⁾
-8'-7"	Piping Area ²⁾	3'-8"	4'-0"	4'-0"	4'-0"	3'-2"	3'-4" 4'-0"
-8'-7"	Piping Area ³⁾	3'-8"	4'-0"	3'-2"	3'-2"	1'-10"	3'-2"

1) Face to Safeguard component area AHU room

2) East side

3) West side

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Table 12.3-1 Thicknesses of Concrete walls that enclose the major components (Sheet 2 of 4)

Elevation	Room Name	North	East	South	West	Floor	Ceiling
Reactor Building							
3'-7"	A-Containment spray/residual heat removal heat exchanger Room	3'-4"	3'-6"	4'-0"	3'-10"	3'-4"	3'-4"
3'-7"	B-Containment spray/residual heat removal heat exchanger Room	4'-0"	3'-6"	3'-4"	3'-10"	3'-4"	3'-4"
3'-7"	C-Containment spray/residual heat removal heat exchanger Room	4'-0"	3'-10"	3'-4"	3'-6"	3'-4"	3'-4"
3'-7"	D-Containment spray/residual heat removal heat exchanger Room	3'-4"	3'-10"	4'-0"	3'-6" 3'-6"	3'-4"	3'-4"
3'-7"	Piping Area ¹⁾	3'-10"	3'-10"	3'-4"	3'-10"	3'-4"	3'-10"
3'-7"	Piping Area ²⁾	3'-4"	3'-10"	3'-4" 3'-4"	3'-10"	3'-4"	3'-10"
3'-7"	Piping Area ³⁾	3'-4"	3'-10"	3'-4" 3'-4"	3'-10"	3'-4"	3'-10"
3'-7"	Piping Area ⁴⁾	3'-10"	3'-10"	3'-4"	3'-10"	3'-4"	3'-4" ⁵⁾
25'-3"	Volume control tank Room	5'-9"	7'-1"	5'-3" ⁶⁾	5'-3"	2'-4"	5'-3"
25'-3"	Piping Area ⁷⁾	3'-0"	7'-1"	3'-10"	3'-10"	2'-4"	3'-10"
25'-3"	Main Control Room	3'-4"	3'-4"	3'-4" 3'-4"	3'-4"	3'-4"	3'-4"
25'-3"	A-Piping Penetration Area	3'-10"	3'-10"	4'-2"	3'-8"	3'-4" ⁸⁾	3'-10"
25'-3"	B-Piping Penetration Area	4'-2"	3'-10"	3'-10"	2'-8"	3'-4" ⁸⁾	3'-10"
25'-3"	C-Piping Penetration Area	4'-2"	2'-8"	3'-10"	3'-10"	3'-4" ⁸⁾	3'-10"
25'-3"	D-Piping Penetration Area	3'-4"	-	4'-2"	3'-10"	3'-4" ⁸⁾	3'-10"
30'-1"	Spent Fuel Pit	7'-9"	5'-11"	7'-1"	7'-1"	10'-6"	-

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- 1) Adjacent to A-Containment spray/residual heat removal heat exchanger Room
- 2) Adjacent to B-Containment spray/residual heat removal heat exchanger Room
- 3) Adjacent to C-Containment spray/residual heat removal heat exchanger Room
- 4) Adjacent to D-Containment spray/residual heat removal heat exchanger Room
- 5) Face to Piping Area
- 6) Face to area of zone III
- 7) Adjacent to Volume control tank Room
- 8) Face to Containment spray/residual heat removal heat exchanger Room

Table 12.3-1 Thicknesses of Concrete walls that enclose the major components (Sheet 3 of 4)

Elevation	Room Name	North	East	South	West	Floor	Ceiling
Auxiliary Building							
-26'-4"	A-Holdup tank Room	23'-04"	43'-08"	4'-2"	34'-42"	Ground	4'-2"
-26'-4"	B-Holdup tank Room	2'-0"	43'-08"	23'-04"	34'-42"	Ground	4'-2"
-26'-4"	C-Holdup tank Room	43'-08" 1)	43'-08"	2'-0"	34'-42"	Ground	4'-2"
-26'-4"	A-Waste holdup tank Room	2'-0"	3'-4"	23'-64"	23'-04"	Ground	2'-8"
-26'-4"	B-Waste holdup tank Room	23'-04"	3'-4"	2'-0"	23'-04"	Ground	2'-8"
-26'-4"	C-Waste holdup tank Room	2'-0"	2'-6" 1)	23'-64"	3'-4"	Ground	23'-100"
-26'-4"	D-Waste holdup tank Room	3'-4"	2'-0"	2'-0"	3'-4"	Ground	23'-100"
-26'-4"	Charcoal bed Room (A)	2'-6"	2'-6"	4'-4" 1)	2'-6"	Ground	4'-1" 2)
-26'-4"	Charcoal bed Room (B)	2'-6"	2'-6"	4'-4" 1)	2'-6"	Ground	4'-1" 2)
-26'-4"	Waste gas surge tank Room (A)	3'-4"	3'-4"	34'-114" 1)	2'-8"	Ground	2'-8"
-26'-4"	Waste gas surge tank Room (B)	3'-4"	2'-8"	34'-114" 1)	3'-4"	Ground	2'-8"
-26'-4"	A-Spent resin storage tank Room	3'-2"	3'-2"	3'-4"	4'-6"	Ground	3'-2"
-26'-4"	B-Spent resin storage tank Room	4'-6"	3'-2"	3'-2"	4'-6"	Ground	3'-2"
-26'-4"	Valve Area 3)	2'-2"	2'-2"	2'-6"	2'-6"	Ground	23'-110" 48"
-26'-4"	Valve Area 4)	23'-74"	3'-4"	2'-8"	3'-4"	Ground	2'-8"
-26'-4"	Valve Area 5)	3'-6"	3'-6"	3'-4"	3'-2"	Ground	3'-2"
-8'-7"	Piping Area 5)	3'-6"	3'-6"	4'-6" 6)	3'-4"	3'-6"	3'-6"
-8'-7"	Piping Area 7)	3'-4"	3'-4"	3'-4"	43'-08"	2'-8"	2'-8"

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1) Face to area of Zone III

2) Face to Waste Mobile System Room

3) Adjacent to Charcoal bed Room (A)

4) Adjacent to Waste gas surge tank Room

5) Adjacent to Spent resin storage tank Room

6) Face to Spent resin storage tank room

7) Adjacent to Holdup tank Room

8) Face to Truck Bay Area

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Table 12.3-1 Thicknesses of Concrete walls that enclose the major components (Sheet 4 of 4)

Elevation	Room Name	North	East	South	West	Floor	Ceiling
Auxiliary Building							
3'-7"	Mixed bed demineralizer Room	3'-4"	3'-4"	3'-4"	4'-8"	3'- 20 ⁴⁾ "	4'-8"
3'-7"	Cation-bed demineralizer Room	3'-4"	2'-10"	23'-104 ²⁾ "	4'-0"	23'-402 ²⁾ "	43'-89 ²⁾ "
3'-7"	Spent fuel pit demineralizer Room	2'-10"	2'-0"	2'-0"	3'-4"	3'-2"	3'-4"
3'-7"	Valve Area 21 ¹⁾	2'-10"	4'-2"	4'-2" 32 ²⁾	3'-4" 43 ³⁾	3'-2" 64 ⁴⁾	4'-8"
3'-7"	A-Reactor coolant filter Room	2'-0"	2'-8"	2'-0"	2'-0"	2'-8"	2'-2"
3'-7"	B-Reactor coolant filter Room	23'-04 ²⁾ "	2'-8"	2'-0"	2'-0"	2'-8"	2'-2"
3'-7"	A-Spent fuel pit filter Room	1'-6"	2'-2"	2'-0"	2'-0"	2'-8"	2'-2"
3'-7"	B-Spent fuel pit filter Room	1'-6"	2'-2"	1'-6"	2'-0"	2'-8"	2'-2"
3'-7"	A,B-Waste demineralizer Room	23'-64 ²⁾ "	2'-5"	2'-5"	3'-9"	3'-3"	3'-9"
3'-7"	C,D-Waste demineralizer Room	3'-4"	3'-9" 32 ²⁾	23'-64 ²⁾ "	3'-9"	23'-400 ²⁾ "	3'-9"
3'-7"	Valve Area 65 ⁵⁾	2'-10"	2'-8"	3'-4"	2'-5" 76 ⁶⁾	2'-8" 32 ²⁾	3'-4"
3'-7"	Waste Mobile Systems	23'-84 ²⁾ "	--- 87 ⁷⁾	23'-84 ²⁾ "	3'-4"	4'-1" 10 ¹⁰⁾	4'-0"
3'-7"	B.A. evaporator feed demineralizer Room	2'-0"	2'-0"	3'-4"	3'-4"	3'-2"	3'-4"
15'-9"	Piping Area 98 ⁸⁾	23'-64 ²⁾ "	3'-4"	2'- 48 ²⁾ "	3'-4" 32 ²⁾	2'-8"	3'-4"
15'-9"	Hold up Tank Valve Area	3'-4"	2'-8" 32 ²⁾	3'-4"	43'-08 ²⁾ "	2'-8"	3'-4"
25'-3"	Steam generator blowdown demineralizer Room	3'-4"	23'-84 ²⁾ "	23'-64 ²⁾ "	2'- 36 ²⁾ " 32 ²⁾	3'-4"	2'- 32 ²⁾ "
25'-3"	Valve Area 409 ⁹⁾	3'-4"	1'-6"	43'-114 ²⁾ "	23'-4 ²⁾ "	3'-4"	1'-10"

~~1) Face to Spent resin storage tank Room~~

~~21~~ Adjacent to Mixed bed demineralizer Room

~~32~~ Face to area of Zone III

~~43~~ Face to A,B-Mixed bed demineralizer Room

~~64~~ Face to Valve Area

~~65~~ Adjacent to Waste demineralizer Room

~~76~~ Face to A,B-Waste demineralizer Room

~~87~~ Removable Shield is to be used, if necessary

~~98~~ East side of demineralizer Rooms

~~409~~ Adjacent to Steam generator blowdown demineralizer Room

10) Face to Charcoal Beds Room

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Table 12.3-3 Mission Dose for the Vital Areas access route after an Accident (1 hour after) (sheet 2 of 4)

Vital Area	Task description	Time when access required [h]	Max dose rate [rem/h]	Mission dose [rem]	Access route zone map No.
Main control room (MCR)	Access to MCR from AC/B for operation.	2.8E-02	1.0E-03	2.8E-05	Figure 12.3-3
		7.76E-03	1.0	7.76E-03	Sheet 3,4,5
		Total		7.76E-03	
	Return to MCR from Radiochemical laboratory	5.40E-02	2.5E-03	1.3E-04	Figure 12.3-3
		7.76E-03	1.0	7.76E-03	Sheet 3,4,5
		Total		7.87E-03	
Technical support center (TSC)	Access to TSC from AC/B for operation.	1.4E-02	1.0E-03	1.4E-05	Figure 12.3-3 Sheet 3,4,5
Postaccident sampling system (Liquid or gas sampling)	Access to PASS from MCR for sampling. (Sampling time is included)	3.76E-02	2.5E-03	9.21E-05	Figure 12.3-3
		9.3E-02	1.0	9.3E-02	Sheet 3 to 8
		Total		9.3E-02	
Radiochemical laboratory & Hot counting room	Access to Radiochemical laboratory from PASS for sample analysis. Access to HOT counting room from PASS for sample counting. (Analysis and counting time are included)	8.5E-01	2.5E-03	2.1E-03	Figure 12.3-3
		5.2E-02	1.0	5.2E-02	Sheet 3 to 8
		Total		5.4E-02	

(Note) Walk speed is usually about 13000 ft/h (4 km/h) and stairs are about 6500 ft/h (2 km/h).
Sampling time is 2 minutes and analysis time is 50 minutes.

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Table 12.3-3 Mission Dose for the Vital Areas access route after an Accident (1 day to 1 month after) (sheet 3 of 4)

Vital Area	Task description	Time when access required [h]	Max dose rate [rem/h]	Mission dose [rem]	Access route zone map No.
Main control room (MCR)	Access to MCR from AC/B for operation.	2.8E-02	1.0E-03	2.8E-05	Figure 12.3-4 Sheet 3,4,5
		7.76E-03	1.5E-02	1.21E-04	
		Total		1.54E-04	
	Return to MCR from Radiochemical laboratory	5.40E-02	2.5E-03	1.3E-04	Figure 12.3-4 Sheet 3,4,5
		7.76E-03	1.5E-02	1.21E-04	
		Total		2.54E-04	
Technical support center (TSC)	Access to TSC from AC/B for operation.	1.4E-02	1.0E-03	1.4E-05	Figure 12.3-4 Sheet 3,4,5
Postaccident sampling system (Liquid or gas sampling)	Access to PASS from MCR for sampling. (Sampling time is included)	3.76E-02	2.5E-03	9.21E-05	Figure 12.3-4 Sheet 3 to 8
		9.3E-02	1.5E-02	1.4E-03	
		Total		1.5E-03	
Radiochemical laboratory & Hot counting room	Access to Radiochemical laboratory from PASS for sample analysis.	8.5E-01	2.5E-03	2.1E-03	Figure 12.3-4 Sheet 3 to 8
		5.2E-02	1.5E-02	7.8E-04	
	Access to HOT counting room from PASS for sample counting. (Analysis and counting time are included)	Total		2.9E-03	

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(Note) Walk speed is usually about 13000 ft/h (4 km/h) and stairs are about 6500 ft/h (2 km/h).
Sampling time is 2 minutes and analysis time is 50 minutes.

Table 12.3-3 Activity Mission Dose (sheet 4 of 4)

Activity Description	Mission Dose [rem]	Note
Post accident sampling and analysis activity (1 hour after)	1.65E-01	Sum of the mission doses for the related tasks described in Table 12.3-3 (sheet 2 of 4)
Post accident sampling and analysis activity (1 day to 1 month after)	4.6E-03	Sum of the mission doses for the related tasks described in Table 12.3-3 (sheet 3 of 4)
Operation activity in the MCR (30 days after the LOCA)	4.5	Described in Table 15.6.5-16

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**Table 12.3-10 Mission Dose for the Access Areas access route
1 week after an Accident (Sheet 1 of 2)**

Access Area	Task description	Time when access required [h]	Max dose rate [rem/h]	Mission dose [rem]	Access route zone map No.
CS/RHR, SI Pump Discharge Flow Access Area	Access to A-CS/RHR, SI Pump Discharge Flow Access Area from AC/B (round trip)	3.0E-02	2.5E-03	7.4E-05	Figure 12.3-11 Sheet 1,2,3
		6.1	1.5E-02	9.21E-02	
		Total		9.21E-02	
	Access to B-CS/RHR, SI Pump Discharge Flow Access Area from AC/B (round trip)	3.0E-02	2.5E-03	7.4E-05	Figure 12.3-11 Sheet 1,2,3
		6.21	1.5E-02	9.2E-02	
		Total		9.2E-02	
	Access to C-CS/RHR, SI Pump Discharge Flow Access Area from AC/B (round trip)	5.65E-02	2.5E-03	1.4E-04	Figure 12.3-11 Sheet 1,2,3
		6.40	1.5E-02	9.1E-02	
		Total		9.1E-02	
	Access to D-CS/RHR, SI Pump Discharge Flow Access Area from AC/B (round trip)	3.0E-02	2.5E-03	7.4E-05	Figure 12.3-11 Sheet 1,2,3
		6.1	1.5E-02	9.1E-02	
		Total		9.1E-02	
CS/RHR Pump Minimum Flow Access Area	Access to A-CS/RHR, Pump Minimum Flow Access Area from AC/B (round trip)	3.0E-02	2.5E-03	7.4E-05	Figure 12.3-11 Sheet 3
		6.40	1.5E-02	9.1E-02	
		Total		9.1E-02	
	Access to B-CS/RHR, Pump Minimum Flow Access Area from AC/B (round trip)	3.0E-02	2.5E-03	7.4E-05	Figure 12.3-11 Sheet 3
		6.1	1.5E-02	9.1E-02	
		Total		9.21E-02	
	Access to C-CS/RHR, Pump Minimum Flow Access Area from AC/B (round trip)	3.0E-02	2.5E-03	7.4E-05	Figure 12.3-11 Sheet 3
		6.40	1.5E-02	9.1E-02	
		Total		9.1E-02	
	Access to D-CS/RHR, Pump Minimum Flow Access Area from AC/B (round trip)	3.0E-02	2.5E-03	7.4E-05	Figure 12.3-11 Sheet 3
		6.40	1.5E-02	9.40E-02	
		Total		9.40E-02	

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(Note) Walk speed is usually about 13000 ft/h (4 km/h) and stairs are about 6500 ft/h (2 km/h).
Replacement, calibration or repair time is conservatively assumed to require 6 hours.

**Table 12.3-10 Mission Dose for the Access Areas access route
1 week after an Accident (Sheet 2 of 2)**

Access Area	Task description	Time when access required [h]	Max dose rate [rem/h]	Mission dose [rem]	Access route zone map No.
Primary Makeup Water Supply Flow Access Area	PMW Supply Flow Access Area from AC/B (round trip)	3.0E-02	2.5E-03	7.4E-05	Figure 12.3-11 Sheet 3.4.5
		6.40	1.5E-02	9.1E-02	
		Total		9.1E-02	

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(Note) Walk speed is usually about 13000 ft/h (4 km/h) and stairs are about 6500 ft/h (2 km/h).
Replacement, calibration or repair time is conservatively assumed to require 6 hours.

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 1 of 34)
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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 2 of 34)
Reactor Building Sectional View A-A

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 3 of 34)
Reactor Building Sectional View B-B

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 4 of 34)
Reactor Building at Elevation -26’-4”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 5 of 34)
Reactor Building at Elevation -8'-7"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 6 of 34)
Reactor Building at Elevation 3'-7"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 7 of 34)
Reactor Building at Elevation 13’-6”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 8 of 34)
Reactor Building at Elevation 25’-3”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 9 of 34)
Reactor Building at Elevation 35’-2”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 10 of 34)
Reactor Building at Elevation 50'-2"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 11 of 34)
Reactor Building at Elevation 76'-5"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 12 of 34)
Reactor Building at Elevation 101'-0"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 13 of 34)
Reactor Building at Elevation 115’-6”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 14 of 34)
Auxiliary Building Sectional View A-A

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 15 of 34)
Auxiliary Building at Elevation -26’-4”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 16 of 34)
Auxiliary Building at Elevation -8'-7"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 17 of 34)
Auxiliary Building at Elevation 3'-7"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 18 of 34)
Auxiliary Building at Elevation 15'-9"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 19 of 34)
Auxiliary Building at Elevation 25'-3"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 20 of 34)
Auxiliary Building at Elevation 35'-2"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 21 of 34)
Auxiliary Building at Elevation 50'-2"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 22 of 34)
Auxiliary Building at Elevation 76'-5"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 23 of 34)
Auxiliary Building at Elevation 89'-7"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 24 of 34)
Turbine Building Sectional View A-A

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 25 of 34)
Turbine Building at Elevation -18’-0”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 26 of 34)
Turbine Building at Elevation 3'-7"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 27 of 34)
Turbine Building at Elevation 34'-0"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 28 of 34)
Turbine Building at Elevation 61'-0"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 29 of 34)
Turbine Building at Elevation 88'-10"

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 30 of 34)
Turbine Building at Elevations 108’-4” and 113’-6”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 31 of 34)
Turbine Building at Roof Elevation

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 32 of 34)
Access Building Sectional View A-A

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 33 of 34)
Access Building at Elevations -26’-4”, -8’-0” and 3’-7”

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Figure 12.3-1 Radiation Zones for Normal Operation/Shutdown (Sheet 34 of 34)
Access Building at Elevations 17’-9”, 30’-2” and 48’-2”

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 1 of 10)
Power Block at Elevation -26'-4"

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 2 of 10)
Power Block at Elevation -8'-7"

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 3 of 10)
Power Block at Elevation 3’-7”

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 4 of 10)
Power Block at Elevation 13’-6”

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 5 of 10)
Power Block at Elevation 25'-3"

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 6 of 10)
Power Block at Elevation 35'-2"

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 7 of 10)
Power Block at Elevation 50'-2"

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 8 of 10)
Power Block at Elevation 76'-5"

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 9 of 10)
Power Block at Elevation 101'-0"

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Figure 12.3-2 General Plant Arrangement with Post Accident Vital Areas (Sheet 10 of 10)
Power Block at Elevation 115'-6"

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 1 of 10)
Power Block at Elevation -26'-4"

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 2 of 10)
Power Block at Elevation -8'-7"

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 3 of 10)
Power Block at Elevation 3’-7”

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 4 of 10)
Power Block at Elevation 13’-6”

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 5 of 10)
Power Block at Elevation 25'-3"

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 6 of 10)
Power Block at Elevation 35'-2"

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 7 of 10)
Power Block at Elevation 50'-2"

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 8 of 10)
Power Block at Elevation 76'-5"

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 9 of 10)
Power Block at Elevation 101'-0"

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Figure 12.3-3 Post Accident Radiation Zone MAP:1hour After Accident (Sheet 10 of 10)
Power Block at Elevation 115’-6”

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 1 of 10)
Power Block at Elevation -26’-4”

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 2 of 10)
Power Block at Elevation -8'-7"

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 3 of 10)
Power Block at Elevation 3’-7”

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 4 of 10)
Power Block at Elevation 13’-6”

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 5 of 10)
Power Block at Elevation 25’-3”

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 6 of 10)
Power Block at Elevation 35'-2"

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 7 of 10)
Power Block at Elevation 50'-2"

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 8 of 10)
Power Block at Elevation 76'-5"

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 9 of 10)
Power Block at Elevation 101’-0”

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Figure 12.3-4 Post Accident Radiation Zone MAP:1day After Accident (Sheet 10 of 10)
Power Block at Elevation 115’-6”

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 1 of 10)
Power Block at Elevation -26'-4"

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 2 of 10)
Power Block at Elevation -8'-7"

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 3 of 10)
Power Block at Elevation 3’-7”

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 4 of 10)
Power Block at Elevation 13’-6”

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 5 of 10)
Power Block at Elevation 25’-3”

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 6 of 10)
Power Block at Elevation 35'-2"

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 7 of 10)
Power Block at Elevation 50’-2”

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 8 of 10)
Power Block at Elevation 76'-5"

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 9 of 10)
Power Block at Elevation 101'-0"

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Figure 12.3-5 Post Accident Radiation Zone MAP:1week After Accident (Sheet 10 of 10)
Power Block at Elevation 115’-6”

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 1 of 10)
Power Block at Elevation -26'-4"

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 2 of 10)
Power Block at Elevation -8'-7"

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 3 of 10)
Power Block at Elevation 3’-7”

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 4 of 10)
Power Block at Elevation 13’-6”

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 5 of 10)
Power Block at Elevation 25’-3”

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 6 of 10)
Power Block at Elevation 35’-2”

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 7 of 10)
Power Block at Elevation 50’-2”

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 8 of 10)
Power Block at Elevation 76'-5"

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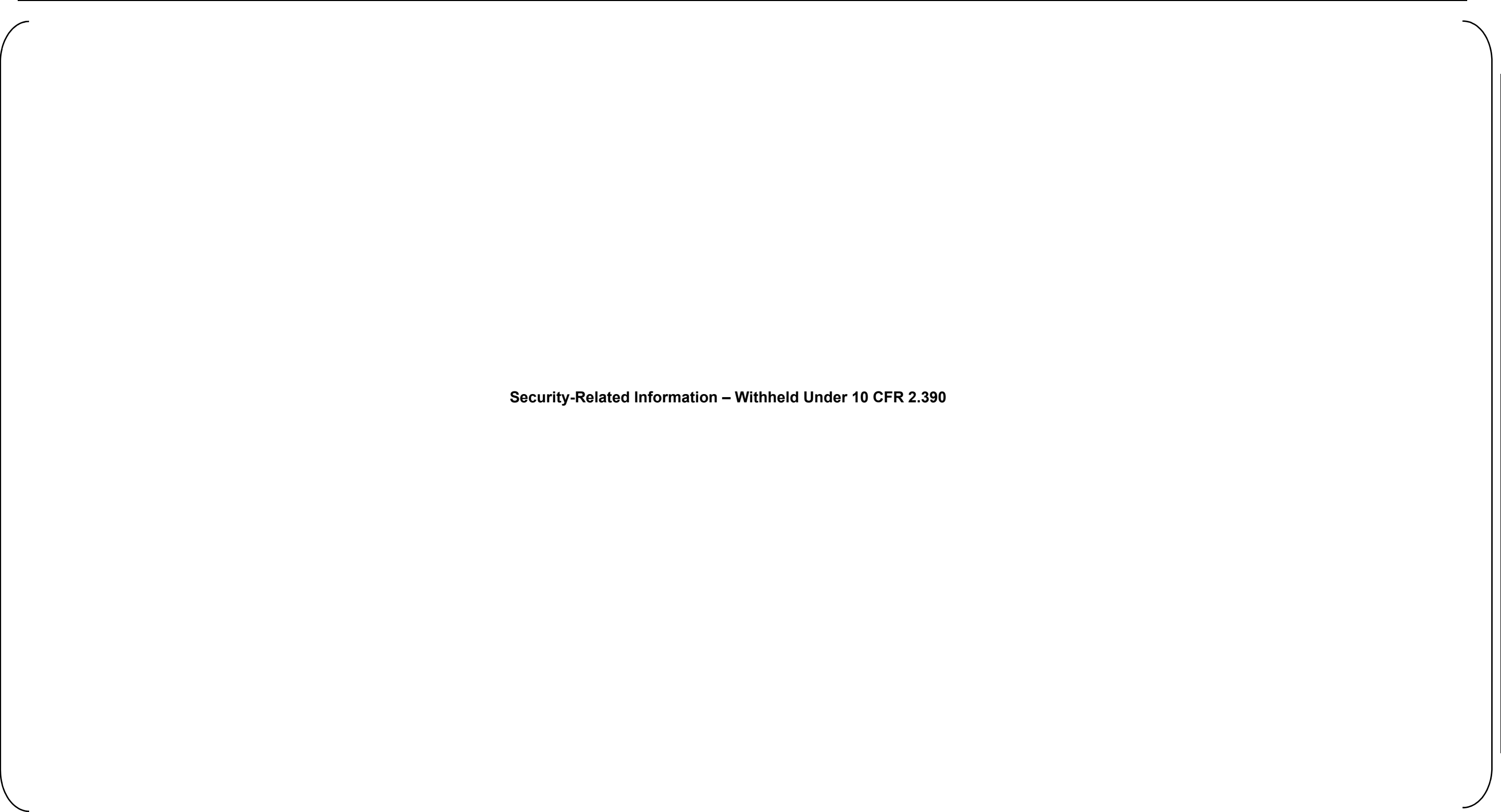
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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 9 of 10)
Power Block at Elevation 101'-0"

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Figure 12.3-6 Post Accident Radiation Zone MAP:1month After Accident (Sheet 10 of 10)
Power Block at Elevation 115’-6”



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Figure 12.3-7 Isometric View of Main Control Room Shielding

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Figure 12.3-9 The typical layout of air handling unit

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 1 of 10)
Power Block at Elevation -26'-4"

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 2 of 10)
Power Block at Elevation -8'-7"

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 3 of 10)
Power Block at Elevation 3'-7"

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 4 of 10)
Power Block at Elevation 13’-6”

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 5 of 10)
Power Block at Elevation 25’-3”

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 6 of 10)
Power Block at Elevation 35'-2"

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 7 of 10)
Power Block at Elevation 50'-2"

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 8 of 10)
Power Block at Elevation 76'-5"

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 9 of 10)
Power Block at Elevation 101'-0"

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Figure 12.3-11 Post Accident Radiation Zone MAP: 1week After Accident (Sheet 10 of 10)
Power Block at Elevation 115'-6"

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Figure 12.3-12 Layout Drawing of the Tank House

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