

TABLE 3.5-1 TABLE 1 CONTAINMENTS, STRUCTURES, AND COMPONENT SUPPORT

Containments, Structures, and Component Supports

<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
2. Penetration sleeves, bellows, and dissimilar metal welds.			
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Carbon Steel	Containment Air	Cracking from Thermal Fatigue	10 CFR Part 50, Appendix J Program
	Containment Air	Cracking from Thermal Fatigue	ASME Section XI, Subsection IWE Program
	Indoor - Not Air Conditioned, Outdoor	Cracking from Thermal Fatigue	10 CFR Part 50, Appendix J Program
Stainless Steel	Containment Air	Cracking from Thermal Fatigue	ASME Section XI, Subsection IWE Program
	Containment Air	Cracking from Thermal Fatigue	10 CFR Part 50, Appendix J Program
	Indoor - Not Air Conditioned, Outdoor	Cracking from Thermal Fatigue	10 CFR Part 50, Appendix J Program

3. Penetration sleeves, penetration bellows, and dissimilar metal welds

<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Carbon Steel	Borated Water Leaks	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Borated Water Leaks	Loss of Material from General Corrosion	Boric Acid Corrosion Program
	Containment Air	Loss of Material from Galvanic Corrosion	ASME Section XI, Subsection IWE Program
	Containment Air	Loss of Material from Galvanic Corrosion	10 CFR Part 50, Appendix J Program
	Containment Air	Loss of Material from General Corrosion	10 CFR Part 50, Appendix J Program
	Containment Air	Loss of Material from General Corrosion	ASME Section XI, Subsection IWE Program
	Indoor - Not Air Conditioned	Loss of Material from Galvanic Corrosion	10 CFR Part 50, Appendix J Program
	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	10 CFR Part 50, Appendix J Program
	Outdoor	Loss of Material from Galvanic Corrosion	10 CFR Part 50, Appendix J Program
	Outdoor	Loss of Material from General Corrosion	10 CFR Part 50, Appendix J Program
Stainless Steel	Treated Water (including steam)	Loss of Material from Crevice Corrosion	ASME Section XI, Subsection IWE Program
	Treated Water (including steam)	Loss of Material from Crevice Corrosion	10 CFR Part 50, Appendix J Program
	Treated Water (including steam)	Loss of Material from Pitting Corrosion	ASME Section XI, Subsection IWE Program
	Treated Water (including steam)	Loss of Material from Pitting Corrosion	10 CFR Part 50, Appendix J Program

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
4. Personnel airlock and equipment hatch			
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Carbon Steel	Borated Water Leaks	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Borated Water Leaks	Loss of Material from General Corrosion	Boric Acid Corrosion Program
	Containment Air	Loss of Material from General Corrosion	ASME Section XI, Subsection IWE Program
	Containment Air	Loss of Material from General Corrosion	10 CFR Part 50, Appendix J Program
	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	ASME Section XI, Subsection IWE Program
	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	10 CFR Part 50, Appendix J Program
	Outdoor	Loss of Material from General Corrosion	10 CFR Part 50, Appendix J Program
	Outdoor	Loss of Material from General Corrosion	ASME Section XI, Subsection IWE Program
5. Personnel airlock and equipment hatch			
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Carbon Steel	Containment Air	Loss of Material from Wear	10 CFR Part 50, Appendix J Program
6. Seals, gaskets, and moisture barriers			
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Elastomers	Containment Air	Change in Material Properties from Elevated Temperature	10 CFR Part 50, Appendix J Program
	Containment Air	Change in Material Properties from Elevated Temperature	One-Time Inspection Program
	Containment Air	Change in Material Properties from Elevated Temperature	ASME Section XI, Subsection IWE Program
	Containment Air	Cracking from Elevated Temperature	10 CFR Part 50, Appendix J Program
	Containment Air	Cracking from Elevated Temperature	One-Time Inspection Program
	Containment Air	Cracking from Elevated Temperature	ASME Section XI, Subsection IWE Program

7. Concrete elements: foundation, walls, dome.

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
7. Concrete elements: foundation, walls, dome.			
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	ASME Section XI, Subsection IWL Program
	Buried	Loss of Material from Aggressive Chemical Attack	ASME Section XI, Subsection IWL Program
	Buried	Loss of Material from Corrosion of Embedded Steel	ASME Section XI, Subsection IWL Program
12. Steel elements: liner plate, containment shell			
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Carbon Steel	Borated Water Leaks	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Borated Water Leaks	Loss of Material from General Corrosion	Boric Acid Corrosion Program
	Containment Air	Loss of Material from Aggressive Chemical Attack	10 CFR Part 50, Appendix J Program
	Containment Air	Loss of Material from Aggressive Chemical Attack	ASME Section XI, Subsection IWE Program
	Containment Air	Loss of Material from Aggressive Chemical Attack	One-Time Inspection Program
	Containment Air	Loss of Material from Crevice Corrosion	ASME Section XI, Subsection IWE Program
	Containment Air	Loss of Material from Crevice Corrosion	One-Time Inspection Program
	Containment Air	Loss of Material from Crevice Corrosion	10 CFR Part 50, Appendix J Program
	Containment Air	Loss of Material from Galvanic Corrosion	ASME Section XI, Subsection IWE Program
	Containment Air	Loss of Material from Galvanic Corrosion	10 CFR Part 50, Appendix J Program
	Containment Air	Loss of Material from General Corrosion	One-Time Inspection Program
	Containment Air	Loss of Material from General Corrosion	10 CFR Part 50, Appendix J Program
	Containment Air	Loss of Material from General Corrosion	ASME Section XI, Subsection IWE Program
	Containment Air	Loss of Material from Pitting Corrosion	ASME Section XI, Subsection IWE Program
	Containment Air	Loss of Material from Pitting Corrosion	One-Time Inspection Program
	Containment Air	Loss of Material from Pitting Corrosion	10 CFR Part 50, Appendix J Program

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Containments, Structures, and Component Supports

<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
16. All Groups except Group 6: accessible interior/exterior concrete & steel components			
<i>Structure No</i>	<i>2080S01</i>	Tank: Refueling Water Storage	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>3010S01</i>	Tank: Steam Generator Blowdown	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>3070S01</i>	Tank: Condensate Storage	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>4015S02</i>	Bldg N/A: Intake Structure	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>4060S01</i>	Bldg N/A: North Service Water Header Enclosure	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>5100S01</i>	Tank: Diesel Generator Fuel Oil Storage	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>5100S02</i>	Tank: DS Diesel Fuel Oil	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>5100S03</i>	Tank: Diesel Fire Pump Fuel Oil	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>6082S01</i>	Bldg 310: EOF/TSC Security Emergency Diesel Generator Bldg	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>6110S01</i>	Bldg N/A: Security Lighting	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program

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Containments, Structures, and Component Supports

<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
16. All Groups except Group 6: accessible interior/exterior concrete & steel components			
Structure No	8010S01	Bldg 200: Reactor Containment Building	
Carbon Steel	Borated Water Leaks	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Borated Water Leaks	Loss of Material from General Corrosion	Boric Acid Corrosion Program
	Containment Air	Loss of Material from General Corrosion	Structures Monitoring Program
	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S09	Bldg 210: Radwaste Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S18	Bldg 340: Dedicated Shutdown (DS) Diesel Generator Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S36	Bldg 350: Turbine Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S44	Electrical Manholes and Duct Banks	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S46	Bldgs 215, 220 and 225: Fuel Handling Building	
Carbon Steel	Borated Water Leaks	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Borated Water Leaks	Loss of Material from General Corrosion	Boric Acid Corrosion Program
	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S48	Pipe Restraint Tower	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
16. All Groups except Group 6: accessible interior/exterior concrete & steel components			
<i>Structure No</i>	<i>8300S49</i>	Concrete Trenches	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>8300S55</i>	Bldg N/A: Miscellaneous Yard Structures	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>8320S01</i>	Bldg 205: Reactor Auxiliary Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
17. Groups 1-3, 5, 7-9: inaccessible concrete components, such as exterior walls below grade and foundation			
<i>Structure No</i>	<i>2080S01</i>	Tank: Refueling Water Storage	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>3010S01</i>	Tank: Steam Generator Blowdown	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>3070S01</i>	Tank: Condensate Storage	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
17. Groups 1-3, 5, 7-9: inaccessible concrete components, such as exterior walls below grade and foundation			
Concrete	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>4015S02</i>	<i>Bldg N/A: Intake Structure</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>4060S01</i>	<i>Bldg N/A: North Service Water Header Enclosure</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>5100S01</i>	<i>Tank: Diesel Generator Fuel Oil Storage</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>5100S02</i>	<i>Tank: DS Diesel Fuel Oil</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>5100S03</i>	<i>Tank: Diesel Fire Pump Fuel Oil</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
17. Groups 1-3, 5, 7-9: inaccessible concrete components, such as exterior walls below grade and foundation			
Concrete	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>5100S04</i>	<i>Tanks: Unit 1 IC Fuel Oil Storage Facility</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>5114S01</i>	<i>Bldg N/A: DSS-Main-XFMR</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>6082S01</i>	<i>Bldg 310: EOF/TSC Security Emergency Diesel Generator Bldg</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>6110S01</i>	<i>Bldg N/A: Security Lighting</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
17. Groups 1-3, 5, 7-9: inaccessible concrete components, such as exterior walls below grade and foundation			
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8300S09</i>	<i>Bldg 210: Radwaste Building</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8300S18</i>	<i>Bldg 340: Dedicated Shutdown (DS) Diesel Generator Building</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8300S36</i>	<i>Bldg 350: Turbine Building</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8300S44</i>	<i>Electrical Manholes and Duct Banks</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program

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Containments, Structures, and Component Supports

<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
17. Groups 1-3, 5, 7-9: inaccessible concrete components, such as exterior walls below grade and foundation			
<i>Structure No</i>	<i>8300S46</i>	<i>Bldgs 215, 220 and 225: Fuel Handling Building</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8300S48</i>	<i>Pipe Restraint Tower</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8300S49</i>	<i>Concrete Trenches</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8300S55</i>	<i>Bldg N/A: Miscellaneous Yard Structures</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
<i>Structure No</i>	<i>8320S01</i>	<i>Bldg 205: Reactor Auxiliary Building</i>	
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Structures Monitoring Program
	Buried	Loss of Material from Aggressive Chemical Attack	Structures Monitoring Program

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
17. Groups 1-3, 5, 7-9: inaccessible concrete components, such as exterior walls below grade and foundation			
Concrete	Buried	Loss of Material from Corrosion of Embedded Steel	Structures Monitoring Program
18. Group 6: all accessible/inacce-ssible concrete, steel, and earthen components			
<i>Structure No</i>	<i>4045S01</i>	<i>Reservoir and Dam</i>	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Recommended Guidelines for Safety Inspections of D
	Raw Water	Loss of Material from Crevice Corrosion	Recommended Guidelines for Safety Inspections of D
	Raw Water	Loss of Material from General Corrosion	Recommended Guidelines for Safety Inspections of D
	Raw Water	Loss of Material from MIC	Recommended Guidelines for Safety Inspections of D
	Raw Water	Loss of Material from Pitting Corrosion	Recommended Guidelines for Safety Inspections of D
Concrete	Buried	Change in Material Properties from Aggressive Chemical Attack	Recommended Guidelines for Safety Inspections of D
	Buried	Loss of Material from Aggressive Chemical Attack	Recommended Guidelines for Safety Inspections of D
	Buried	Loss of Material from Corrosion of Embedded Steel	Recommended Guidelines for Safety Inspections of D
Earth/Soil	Outdoor	Loss of Form from Settlement	Recommended Guidelines for Safety Inspections of D
19. Group 5:liners			
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Stainless Steel	Treated Water (including steam)	Loss of Material from Crevice Corrosion	Water Chemistry Program
	Treated Water (including steam)	Loss of Material from Pitting Corrosion	Water Chemistry Program
<i>Structure No</i>	<i>8300S46</i>	<i>Bldgs 215, 220 and 225: Fuel Handling Building</i>	
Stainless Steel	Treated Water (including steam)	Loss of Material from Crevice Corrosion	Water Chemistry Program
	Treated Water (including steam)	Loss of Material from Pitting Corrosion	Water Chemistry Program

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
25. All Groups: support members: anchor bolts, concrete surrounding anchor bolts, welds, grout pad, bolted connections, etc.			
<i>Structure No</i>	<i>2080S01</i>	Tank: Refueling Water Storage	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>3010S01</i>	Tank: Steam Generator Blowdown	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>3070S01</i>	Tank: Condensate Storage	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>4015S02</i>	Bldg N/A: Intake Structure	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>4060S01</i>	Bldg N/A: North Service Water Header Enclosure	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Galvanized Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>5100S01</i>	Tank: Diesel Generator Fuel Oil Storage	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>5100S02</i>	Tank: DS Diesel Fuel Oil	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>5100S03</i>	Tank: Diesel Fire Pump Fuel Oil	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
<i>Structure No</i>	<i>5100S04</i>	Tanks: Unit 1 IC Fuel Oil Storage Facility	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program

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<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
25. All Groups: support members: anchor bolts, concrete surrounding anchor bolts, welds, grout pad, bolted connections, etc.			
Structure No	5114S01	Bldg N/A: DSS-Main-XFMR	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	6082S01	Bldg 310: EOF/TSC Security Emergency Diesel Generator Bldg	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
Elastomers	Indoor - Not Air Conditioned	Change in Material Properties from Elevated Temperature	Structures Monitoring Program
	Indoor - Not Air Conditioned	Cracking from Elevated Temperature	Structures Monitoring Program
Structure No	6110S01	Bldg N/A: Security Lighting	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8010S01	Bldg 200: Reactor Containment Building	
Carbon Steel	Containment Air	Loss of Material from General Corrosion	Structures Monitoring Program
	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S09	Bldg 210: Radwaste Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S18	Bldg 340: Dedicated Shutdown (DS) Diesel Generator Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S36	Bldg 350: Turbine Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program

TABLE 3.5-1 TABLE 1 CONTAINMENTS, STRUCTURES, AND COMPONENT SUPPORT

Containments, Structures, and Component Supports

<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
25. All Groups: support members: anchor bolts, concrete surrounding anchor bolts, welds, grout pad, bolted connections, etc.			
Structure No	8300S44	Electrical Manholes and Duct Banks	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S46	Bldgs 215, 220 and 225: Fuel Handling Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S48	Pipe Restraint Tower	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S49	Concrete Trenches	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8300S55	Bldg N/A: Miscellaneous Yard Structures	
Carbon Steel	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Structure No	8320S01	Bldg 205: Reactor Auxiliary Building	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	Structures Monitoring Program
	Outdoor	Loss of Material from General Corrosion	Structures Monitoring Program
Elastomers	Indoor - Not Air Conditioned	Change in Material Properties from Elevated Temperature	Structures Monitoring Program
	Indoor - Not Air Conditioned	Cracking from Elevated Temperature	Structures Monitoring Program
Structure No	8010S01	Bldg 200: Reactor Containment Building	
Carbon Steel	Borated Water Leaks	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Borated Water Leaks	Loss of Material from General Corrosion	Boric Acid Corrosion Program
	Containment Air	Loss of Material from General Corrosion	Boric Acid Corrosion Program

27. All Groups: support members: anchor bolts, welds

TABLE 3.5-1 TABLE 1 CONTAINMENTS, STRUCTURES, AND COMPONENT SUPPORT

Containments, Structures, and Component Supports

<i>Material</i>	<i>Environment</i>	<i>Aging Effect/ Mechanism</i>	<i>Program</i>
27. All Groups: support members: anchor bolts, welds			
Carbon Steel	Containment Air, Borated Water Leakage	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Containment Air, Borated Water Leakage	Loss of Material from General Corrosion	Boric Acid Corrosion Program
<i>Structure No</i>	<i>8300S46</i>	<i>Bldgs 215, 220 and 225: Fuel Handling Building</i>	
Carbon Steel	Borated Water Leaks	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Borated Water Leaks	Loss of Material from General Corrosion	Boric Acid Corrosion Program
<i>Structure No</i>	<i>8320S01</i>	<i>Bldg 205: Reactor Auxiliary Building</i>	
Carbon Steel	Borated Water Leaks	Loss of Material from Aggressive Chemical Attack	Boric Acid Corrosion Program
	Borated Water Leaks	Loss of Material from General Corrosion	Boric Acid Corrosion Program
28. Groups B1.1, B1.2, and B1.3: support members: anchor bolts, welds, spring hangers, guides, stops, and vibration isolators			
<i>Structure No</i>	<i>8010S01</i>	<i>Bldg 200: Reactor Containment Building</i>	
Carbon Steel	Containment Air	Loss of Material from General Corrosion	One-Time Inspection Program
	Containment Air	Loss of Material from General Corrosion	ASME Section XI, Subsection IWF Program
	Containment Air, Borated Water Leakage	Loss of Material from Aggressive Chemical Attack	One-Time Inspection Program
	Containment Air, Borated Water Leakage	Loss of Material from General Corrosion	One-Time Inspection Program
<i>Structure No</i>	<i>8300S36</i>	<i>Bldg 350: Turbine Building</i>	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	ASME Section XI, Subsection IWF Program
<i>Structure No</i>	<i>8300S46</i>	<i>Bldgs 215, 220 and 225: Fuel Handling Building</i>	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	ASME Section XI, Subsection IWF Program
<i>Structure No</i>	<i>8320S01</i>	<i>Bldg 205: Reactor Auxiliary Building</i>	
Carbon Steel	Indoor - Not Air Conditioned	Loss of Material from General Corrosion	ASME Section XI, Subsection IWF Program