

CHAPTER 12— RADIATION PROTECTION

LIST OF FIGURES

Figure 12.2-1	Nitrogen-16 Concentration Along Reactor Coolant Loop.....	12.2-95
Figure 12.2-2	Simplified Flow Diagram for Volume Control Tank	12.2-96
Figure 12.2-3	Simplified Flow Diagram for the Primary Coolant Degasification System Degasifier	12.2-97
Figure 12.3-1	Spreading Area at the -20 Ft Elevation of the Reactor Building	12.3-97
Figure 12.3-2	Reactor Cavity at the +17 Ft Elevation of the Reactor Building	12.3-98
Figure 12.3-3	Core Internals Storage Area and Instrument Lance Storage Areas at the +17 Ft Elevation in the Reactor Building	12.3-99
Figure 12.3-4	Transfer Pit at the +17 Ft Elevation in the Reactor Building	12.3-100
Figure 12.3-5	Transfer Pit at the +12 Ft Elevation in the Fuel Building	12.3-101
Figure 12.3-6	Loading Pit, Spent Fuel Pool, and Transfer Pit at the +24 Ft Elevation of the Fuel Building	12.3-102
Figure 12.3-7	Reactor Cavity Section	12.3-103
Figure 12.3-8	Containment Building Section Looking Plant-West at the Reactor Cavity, Core Internals Storage, Instrument Lance Storage, and Spreading Area	12.3-104
Figure 12.3-9	Containment Building Section Looking Plant-East at the Reactor Cavity, Core Internals Storage, Transfer Pit, and Spreading Area	12.3-105
Figure 12.3-10	Loading Pit Section Looking Plant-West in the Fuel Building	12.3-106
Figure 12.3-11	Transfer Pit Looking Plant-West in the Fuel Building.....	12.3-107
Figure 12.3-12	Spent Fuel Pool Section Looking Plant-North in the Fuel Building	12.3-108
Figure 12.3-13	Reactor Building Cross-Section Radiation Zones.....	12.3-109
Figure 12.3-14	[[Access Building at -31 Ft Elevation Radiation Zones]]	12.3-110
Figure 12.3-15	[[Access Building at -13 Ft Elevation Radiation Zones]]	12.3-111
Figure 12.3-16	[[Access Building at +0 Ft Elevation Radiation Zones]]	12.3-112



Figure 12.3-17 [[Access Building at +12 Ft Elevation Radiation Zones]] 12.3-113

Figure 12.3-18 [[Access Building at +25 Ft Elevation Radiation Zones]] 12.3-114

Figure 12.3-19 [[Access Building at +39 Ft Elevation Radiation Zones]] 12.3-115

Figure 12.3-20 [[Access Building at +54 Ft Elevation Radiation Zones]] 12.3-116

Figure 12.3-21 Safeguard Building 1 -31 Ft Elevation Radiation Zones 12.3-117

Figure 12.3-22 Safeguard Building 1 -16 Ft Elevation Radiation Zones 12.3-118

Figure 12.3-23 Safeguard Building 1 +0 Ft Elevation Radiation Zones 12.3-119

Figure 12.3-24 Safeguard Buildings 2 and 3 -31 Ft Elevation Radiation
Zones 12.3-120

Figure 12.3-25 Safeguard Buildings 2 and 3 -16 Ft Elevation Radiation
Zones 12.3-121

Figure 12.3-26 Safeguard Buildings 2 and 3 +0 Ft Elevation Radiation
Zones 12.3-122

Figure 12.3-27 Safeguard Building 4 -31 Ft Elevation Radiation Zones 12.3-123

Figure 12.3-28 Safeguard Building 4 -16 Ft Elevation Radiation Zones 12.3-124

Figure 12.3-29 Safeguard Building 4 +0 Ft Elevation Radiation Zones 12.3-125

Figure 12.3-30 Fuel Building -31 Ft Elevation Radiation Zones..... 12.3-126

Figure 12.3-31 Fuel Building -20 Ft Elevation Radiation Zones..... 12.3-127

Figure 12.3-32 Fuel Building -11 Ft Elevation Radiation Zones..... 12.3-128

Figure 12.3-33 Fuel Building +0 Ft Elevation Radiation Zones..... 12.3-129

Figure 12.3-34 Fuel Building +12 Ft Elevation Radiation Zones..... 12.3-130

Figure 12.3-35 Fuel Building +24 Ft Elevation Radiation Zones..... 12.3-131

Figure 12.3-36 Fuel Building +36 Ft Elevation Radiation Zones..... 12.3-132

Figure 12.3-37 Fuel Building +49 Ft Elevation Radiation Zones..... 12.3-133

Figure 12.3-38 Fuel Building +64 Ft Elevation Radiation Zones..... 12.3-134

Figure 12.3-39 Fuel Building +79 Ft Elevation Radiation Zones..... 12.3-135

Figure 12.3-40 Fuel Building +90 Ft Elevation Radiation Zones..... 12.3-136

Figure 12.3-41 Fuel Building +112 Ft Elevation Radiation Zones..... 12.3-137

Figure 12.3-42 Nuclear Auxiliary Building -31 Ft Elevation Radiation
Zones 12.3-138

Figure 12.3-43 Nuclear Auxiliary Building -21 Ft Elevation Radiation
Zones 12.3-139

Figure 12.3-44 Nuclear Auxiliary Building -11 Ft Elevation Radiation
Zones 12.3-140



Figure 12.3-45	Nuclear Auxiliary Building +0 Ft Elevation Radiation Zones	12.3-141
Figure 12.3-46	Nuclear Auxiliary Building +12 Ft Elevation Radiation Zones	12.3-142
Figure 12.3-47	Nuclear Auxiliary Building +24 Ft Elevation Radiation Zones	12.3-143
Figure 12.3-48	Nuclear Auxiliary Building +34 Ft Elevation Radiation Zones	12.3-144
Figure 12.3-49	Nuclear Auxiliary Building +50 Ft Elevation Radiation Zones	12.3-145
Figure 12.3-50	Nuclear Auxiliary Building +64 Ft Elevation Radiation Zones	12.3-146
Figure 12.3-51	Nuclear Auxiliary Building +81 Ft Elevation Radiation Zones	12.3-147
Figure 12.3-52	Radioactive Waste Building -32 Ft Elevation Radiation Zones	12.3-148
Figure 12.3-53	Radioactive Waste Building -21 Ft Elevation Radiation Zones	12.3-149
Figure 12.3-54	Radioactive Waste Building -11 Ft Elevation Radiation Zones	12.3-150
Figure 12.3-55	Radioactive Waste Building +0 Ft Elevation Radiation Zones	12.3-151
Figure 12.3-56	Radioactive Waste Building +12 Ft Elevation Radiation Zones	12.3-152
Figure 12.3-57	Radioactive Waste Building +23 Ft Elevation Radiation Zones	12.3-153
Figure 12.3-58	Radioactive Waste Building +36 Ft Elevation Radiation Zones	12.3-154
Figure 12.3-59	Radioactive Waste Building +53 Ft Elevation Radiation Zones	12.3-155
Figure 12.3-60	Safeguard Buildings 2 and 3 +15 Ft Elevation Access Paths	12.3-156
Figure 12.3-61	Safeguard Buildings 2 and 3 +27 Ft Elevation Access Paths	12.3-157
Figure 12.3-62	Safeguard Buildings 2 and 3 +39 Ft Elevation Access Paths	12.3-158
Figure 12.3-63	Safeguard Buildings 2 and 3 +53 Ft Elevation Access Paths	12.3-159



Figure 12.3-64	Safeguard Building 1 -31 Ft Elevation Postaccident Radiation Zones.....	12.3-160
Figure 12.3-65	Safeguard Building 1 -16 Ft Elevation Postaccident Radiation Zones.....	12.3-161
Figure 12.3-66	Safeguard Building 1 +0 Ft Elevation Postaccident Radiation Zones.....	12.3-162
Figure 12.3-67	Safeguard Buildings 2 and 3 -31 Ft Elevation Postaccident Radiation Zones.....	12.3-163
Figure 12.3-68	Safeguard Buildings 2 and 3 -16 Ft Elevation Postaccident Radiation Zones.....	12.3-164
Figure 12.3-69	Safeguard Buildings 2 and 3 +0 Ft Elevation Postaccident Radiation Zones.....	12.3-165
Figure 12.3-70	Safeguard Buildings 2 and 3 Section Postaccident Radiation Zones.....	12.3-166
Figure 12.3-71	Reactor Building Cross-Section Postaccident Radiation Zones.....	12.3-167
Figure 12.3-72	Deleted.....	12.3-167
Figure 12.3-73	Reactor and Fuel Buildings Airborne Monitoring.....	12.3-168
Figure 12.3-74	Access, Nuclear Auxiliary, and Radioactive Waste Buildings Airborne Monitoring.....	12.3-169
Figure 12.3-75	Access Routes to MCR/TSC/Support Areas.....	12.3-170
Figure 12.3-76	General Access Routes to Buildings at Elevation -31 Ft.....	12.3-171
Figure 12.3-77	Access Routes to SASS Sample Point at Elevation -11 Ft.....	12.3-172
Figure 12.3-78	General Access Routes to Buildings at Elevation +0 Ft.....	12.3-173
Figure 12.3-79	General Access Routes to Buildings at Elevation +24 Ft.....	12.3-174
Figure 12.3-80	Radiochemistry Laboratory Facilities -31 Ft Elevation Nuclear Auxiliary Building.....	12.3-175
Figure 12.3-81	Safeguard Building 4 +0 Ft. Elevation Postaccident Radiation Zones.....	12.3-176

Next File