Table 9.2-1

(Deleted by Amendment 18)

TABLE 9.2-2

(Deleted by Amendment 18)

Table 9.2-3

NORMAL AND MAXIMUM CONCENTRATION OF LIQUID RADIOACTIVE WASTES AND VOLUMES OF RADWASTE TANKAGE

Tank/Vessel	Quantity	Volume (Total) (Gal.) (c)	Liquid Total Normal Conc. µCi/cc	Liquid Total Max. Conc. µCi/cc	Liquid Total Normal Act. µCi	Liquid Total Max. Act. µCi	Solid (each) Normal Act. µCi	Solid (each) Max. Act. µCi
Waste Surge	1	73,220	8.3×10^{-6}	8.3×10^{-4}	2.3×10^{3}	2.3×10^{5}	---	---
Waste Sample	4	75,470	3×10^{-5}	3×10^{-3}	8.6×10^{3}	8.6×10^{5}	---	---
Floor Drain Sample	2	31,570	7×10^{-6}	2×10^{-3}	8.4×10^{2}	2.4×10^{5}	---	---
Laundry Drain	2	1,920	1×10^{-5}	1×10^{-2}	7.3×10^{1}	7.3×10^{4}	---	---
Waste Collector	1	37,780	1×10^{-2}	1×10^{0}	1.4×10^{6}	1.4×10^{8}	---	---
Floor Drain Collector	1	31,400	3×10^{-5}	8×10^{-2}	3.6×10^{3}	9.5×10^{6}	---	---
Cleanup Phase Separator	3	14,840	2×10^{-2}	1×10^{0}	1.1×10^{6}	5.6×10^{7}	1×10^{9}	1×10^{9}
Cleanup Backwash Receiving (a)	3	6,000	2×10^{-2}	1×10^{0}	4.5×10^{5}	2.3×10^{7}	6×10^{7}	5×10^{9}
Condensate Phase Separators A, B, C & D	4	50,700	5×10^{-5}	1×10^{-4}	9.6×10^{3}	1.9×10^{4}	3.9×10^{7}	9.7×10^{7}
Condensate Phase Separators E & F	2	25,400	5×10^{-5}	1×10^{-4}	4.8×10^{3}	9.6×10^{3}	1.5×10^{7}	1.5×10^{9}
Condensate Backwash Receiving (b)	3	19,500	5×10^{-5}	1×10^{-4}	3.7×10^{3}	7.4×10^{3}	3×10^{6}	1×10^{8}
Spent Resin	1	1,630	5×10^{-5}	1×10^{-4}	3.1×10^{2}	6.2×10^{2}	2×10^{6}	2×10^{8}
Waste Backwash Receiver	1	7,170	5×10^{-5}	1×10^{-4}	1.4×10^{3}	2.7×10^{3}	8×10^{6}	2×10^{8}
Chemical Waste	1	5,100	2×10^{-4}	7×10^{-3}	3.9×10^{3}	1.4×10^{5}	---	---
Cask Decontamination Tank	1	15,300	1×10^{-5}	1×10^{-2}	5.8×10^{2}	5.8×10^{5}	---	---

NOTES:

(a) Cleanup Backwash Receiving Tanks in Reactor Building

(b) Condensate Backwash Receiving Tanks in Turbine Building

(c) Additional liquid radwaste operating volume of 26,890 gal. is not shown, but is included in the total working volume in 9.2.6. This volume represents the liquid contained in the piping, fitter vessels, sumps and miscellaneous tanks/vessels in the Radwaste Building. The total working volume does not include the tanks represented by Notes (a) and (b) above.

Table 9.2-4
(Sheet 1)

RADIOACTIVITY CONTENTS OF TANKS AND SYSTEMS NOT DESIGNED TO WITHSTAND TORNADO, MAXIMUM PROBABLE FLOOD OR DESIGN BASIS EARTHQUAKE

Vessel or System Name	Number of Tanks	Maximum Activity Per Tank or System (μCi) Total	Isotopic Distribution, Percent of Total Activity (b) Sr-89	Sr-90	Sr-91	Mo-99	1-131	1-133	1-135	Cs-134	Cs-137	Ba-140	Ce-144	Np-239	CO-58	CO-60
Waste Surge Tank	1	2.3×10^5	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Waste Sample Tank	4	2.1×10^5	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Floor Drain Sample Tank	2	1.2×10^5	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Laundry Drain Tank	2	3.6×10^4	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Waste Collector Tank	1	1.4×10^8	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
**Floor Drain Collector Tank	1	9.5×10^6	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Cleanup Backwash Receiver Tank (a)	3	5.0×10^9	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Condensate Backwash Receiver Tank (a)	3	1.0×10^8	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Spent Resin Tank (a)	1	2.0×10^8	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Waste Backwash Receiver Tank (a)	1	2.0×10^8	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Chemical Waste	1	1.4×10^5	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Condensate Storage Tank	5	2.0×10^6	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Condensate Transfer System	-	6.0×10^4	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Condensate Filter/ Demineralizer Tanks (a)	27	1.0×10^8	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Fuel Pool Filter/ Demineralizer Tanks (a)	4	2.0×10^8	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Waste Demineralizer Tank (a)	1	3.0×10^8	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Evaporator Feed Tank	1	5.0×10^5	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Waste Filter Tank (a)	1	1.0×10^6	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Floor Drain Filter Tank (a)	1	9.0×10^5	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1

Table 9.2-4
(Sheet 2)

RADIOACTIVITY CONTENTS OF TANKS AND SYSTEMS NOT DESIGNED TO
WITHSTAND TORNADO, MAXIMUM PROBABLE FLOOD OR DESIGN BASIS EARTHQUAKE

Vessel or System Name	Number of Tanks	Maximum Activity Per Tank or System (μCi) Total	Isotopic Distribution, Percent of Total Activity (b) Sr-89	Sr-90	Sr-91	Mo-99	1-131	1-133	1-135	Cs-134	Cs-137	Ba-140	Ce-144	Np-239	CO-58	CO-60
Cask Decontamination Tank	1	5.8×10^5	0.7	0.2	8.6	18.3	8.6	14.3	6.4	0.1	0.2	18.3	0.1	18.6	1.0	0.1
Cleanup Phase Separator (a)	3	1.02×10^9	11.9	7.9	-	-	2.0	-	-	3.9	7.9	29.6	8.7	-	22.9	4.2
Condensate Phase Separators:																
- A, B, C & D (a)	4	9.7×10^7	2.2	0.7	-	19.8	17.2	-	-	0.3	0.7	46.5	0.1	8.7	3.3	0.4
- E & F (a)		2	1.5×10^9	2.2	0.7	-	19.8	17.2	-	-	0.3	0.7	46.5	0.1	8.7	3.3

**The percent of Cs-134 and Cs-137 may be elevated if THERMEX brine is being reprocessed.
(a)Most of the activity is in solid form.
(b)Original design basis isotopic distribution valid for historical reference. Actual distribution may vary with plant operation and related activities.