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Volume 13

see attached memo

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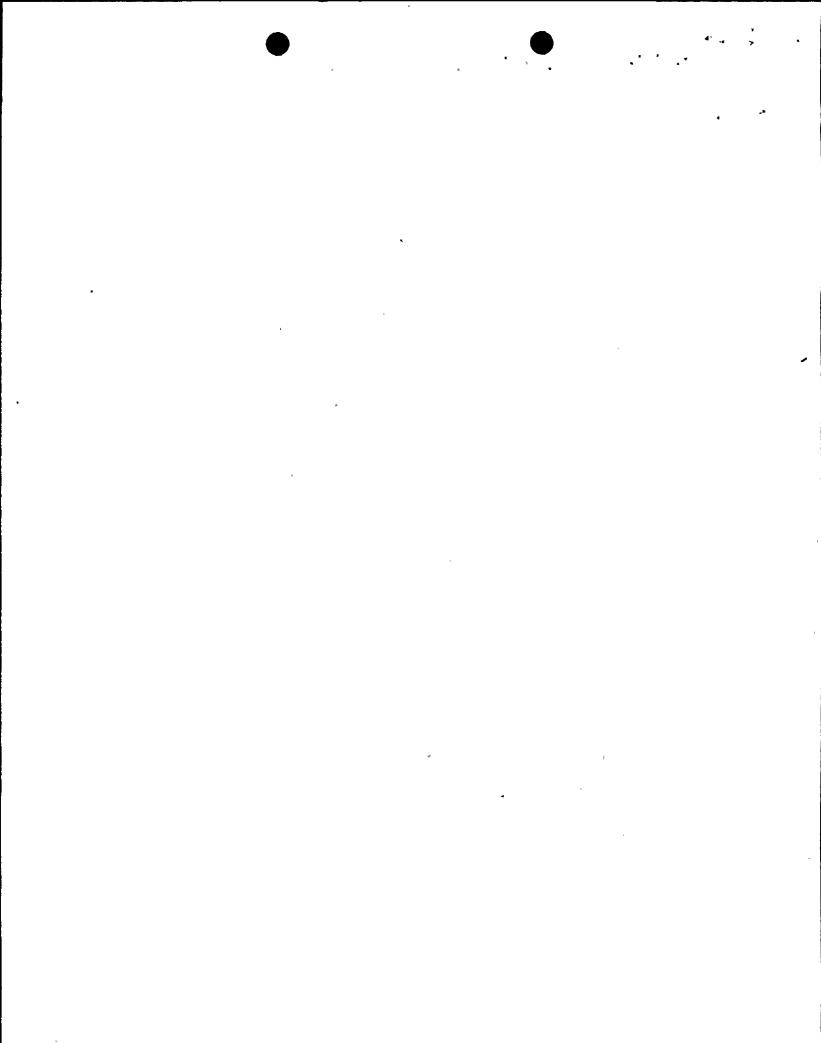
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Due to an editorial change, please replace the following pages in your Volume 13 Plant Procedures Manual:

<u>Procedure</u>	Rev	<u>Title</u>	Page No.
13.8.2	6	Manual Offsite Dose Calculations	6,7,8 & 13 of 18

JFP/1mp

Attachments

O CONTROLLED COPY

		OFFSITE DOSE	CALCULATION DATA SHEET
			DATE: ((() () () () () () () () (
			CALCULATIÓN: (
-			REACTOR TURBINE RADWASTE BLOG DRYWELL BLOG BLOG
Α.	Release Point (R (Y or N)	X Bldg, DW, TG, I	RW)(
В.	Meteorology		
	1. Stability C	lass (A-G)	(
	or ΔT/ ΔZ		°C/100m (
	or		Degrees
	2. Distance Do (1.2, 2.0,	wnwind 5.0, 10.0 Miles)	Miles (
	3. Wind Speed		MPH . (1
	4. Wind Direct	ion (From - To)	
С.	Time Since React	or Shutdown	Minutes (1
, D.	Stand By Gas Tre System (SGTS) Ef		% · (1)
Ε.	Release Point Fl	ow Rate (CFM)	CFMCFMCFMCFM(1)
F.	Source Term-Radi Field Data or Sa (R, F, or S)	mple Results	(1
	results complete	is based on samp attached sheet)	\
	1. Radiation M	onitor Reading	Reactor Turbine Radwaste Bldg Bldg Bldg
	a. High R Point	ange Elevated Re [·] (R/Hr)	leaseR/hrXXXX(1
		ediate (extended) Noble Gas Monito	
	c, Low Ra (CPM)		nitorCPMCPMCPM (1) ttachment A Page 1 of 3
PROCEDUR	E NUMBER	REVISION NUMBER	PAGE NUMBER
WP-598 R1 (9-83)	13.8.2	6	13.8.2-6 of 18

CONTROLLED COPY

OFFSITE DOSE CALCULATION DATA SHEET (Continued)

	1'.	Radi	ation Monitor Reading	Reactor <u>Bldg</u>	Turbine Bldg	Radwaste <u>Bldg</u>	
		d.	Drywell LOCA Rad Monitor (CMS-RIS-27E)	R/h	r <u>XX</u>	XX	(18)
		e.	Drywell LOCA Rad Monitor (CMS-RIS-27F)	R/h	r <u>XX</u>	XX	(19
•	2.	Fiel	d Data				
	u,	a.	Plume Center,line Dose Rate	mR/	hr at	miles	
		. b.	Plume Centerline Air Sample a (Complete attached Air Sample Data Sheet)	ıt	• —	miles	
G.	Rele	ease D	uration (Minutes)	mi	n	T	(20)

Attachment A Page 2 of 3

PROCEDURE NUMBER	REVISION NUMBER	PAGE NUMBER
13.8.2	6	13.8.2-7 of 18

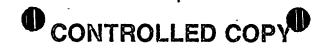
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SAMPLE RESULTS FOR GASEOUS RELEASE POINTS

(CONCENTRATIONS IN Ci/M3 or µCi/CM3)

 NUCLIDE 	REACTOR BUILDING PRE-SGTS	DRYWELL	 TURBINE BUILDING 	RADWASTE BUILDING PRE-HEPA	 PLUME CENTER LINE AT MI
Kr-83M				<u> </u>	
Kr-85M		•			,
Kr-85	,				
Kr-87				<u> </u> 	
Kr-88			<u> </u>	<u> </u>	
Kr-89	,				,
Xe-131M					
Xe-133M			,	-1	
Xe-133				,	
Xe-135M	<u> </u>				
Xe-135					,
_Xe-137					
Xe-138					
1-131					
<u>I-132</u>		, .			
1-133				,	
1-134					
I-135	·				

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13.8.2	6	13.8.2-8 of 18

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SUMMARY OF EDPS OFFSITE DOSE CALCULATIONS

Dist	Whole Body Dose Rate	Whole Body Integrated	Thyroid Dose Rate	Thyroid Dose	Plume Transit Time
(mi)	(REM/Hr)	Dose (REM)	(REM/Hr)	(REM)	(Hrs)
1.2	 				
2.0	 		_L	<u> </u>	
5.0	 		<u> </u>	<u> </u>	•
0.01]]		··		,
 <u>Other</u>	 				

Time Rele	ase	Started:			
				3	
Completed	By:	4		и	
•	_		(Name)		

Attachment C

PROCEDURE NUMBER	REVISION NUMBER	PAGE NUMBER	
13.8.2	6		13.8.2-13 of 18

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