

ENCLOSURE 1

Update of Actual Data for the Fourth Quarter 1995
and
Corrections to the Gaseous Effluents Data for
the Period July - December 1995

9609090351 960828
PDR ADOCK 05000220
R PDR



Unit 1 X Unit 2

Reporting Period July - December 1995

UPDATE OF RELEASE AND DOSE DATA FOR GASEOUS (ELEVATED AND GROUND LEVEL) AND LIQUID EFFLUENTS

Update of data using actual results from the off-site vendors for Strontium, Tritium, and Iron-55 for the fourth quarter 1995.

<u>Nuclide</u> ¹	<u>GASEOUS</u> <u>4th QUARTER 1995</u>	<u>LIQUID</u> <u>4th QUARTER 1995</u>
	<u>Activity (Ci)</u>	<u>Activity (Ci)</u>
Sr-89	<u>2.42E-05</u>	No Releases
Sr-90	<u>**</u>	No Releases
H-3	<u>7.78E+00</u>	No Releases
Fe-55	<u>**</u>	No Releases

<u>Particulates</u>			<u>GASEOUS</u>	<u>LIQUID</u>
	1. Particulates with half-lives > 8 days	Ci	<u>2.32E-03</u>	<u>N/A</u>
	2. Average release rate for period	μCi/sec	<u>2.92E-04</u>	<u>N/A</u>
<u>Tritium</u>	1. Total release	Ci	<u>7.78E+00</u>	<u>N/A</u>
	2. Average release rate for period	μCi/sec (gaseous) μCi/ml (liquid)	<u>9.79E-01</u>	<u>N/A</u>

<u>Tritium, Iodines, and Particulates (with half-lives greater than 8 days)</u>			<u>GASEOUS</u>	<u>LIQUID</u>
	1. Percent of Quarterly Dose Limit ²	%	<u>2.02E-01</u> (Quarterly)	<u>N/A</u> (Quarterly)
	2. Percent of Annual Dose Limit to Date ²	%	<u>2.90E-01</u> (Annual)	<u>N/A</u> (Annual)
	3. Percent of Organ - Dose Rate Limit (Gaseous)(Quarterly)	%	<u>4.01E-03</u> (Quarterly)	<u>N/A</u> (Quarterly)
	- Dose Limit (Liquid) (Annual & Quarterly)		<u>N/A</u> (Annual)	<u>N/A</u> (Annual)
	4. Percent of 10CFR20 Concentration Limit (Liquid)	%	<u>N/A</u>	<u>N/A</u>
	5. Percent of Dissolved or Entrained Noble Gas (Liquid)	%	<u>N/A</u>	<u>N/A</u>

¹ Concentrations less than the lower limit of detection, as required by Technical Specifications or station procedures are indicated with a double asterisk.
² The dose is to the maximally exposed organ for gaseous effluents.



Unit 1 X Unit 2 Reporting Period July - December 1995

GASEOUS EFFLUENTS - GROUND LEVEL RELEASES

There were no releases via the emergency condenser vent operation. Only leakage from the vents results in an assumed release based on the concentrations in the condensate storage tanks and condenser shell.

		CONTINUOUS MODE		BATCH MODE There were no batch releases during the reporting period.	
		<u>3^d</u> <u>QUARTER</u>	<u>4th</u> <u>QUARTER</u>	<u>3^d</u> <u>QUARTER</u>	<u>4th</u> <u>QUARTER</u>
1.	<u>Fission Gases</u> ²				
	Argon-41 Ci	**	**		
	Krypton-85 Ci	**	**		
	Krypton-85m Ci	**	**		
	Krypton-87 Ci	**	**		
	Krypton-88 Ci	**	**		
	Xenon-133 Ci	**	**		
	Xenon-133m Ci	**	**		
	Xenon-135 Ci	**	**		
	Xenon-135m Ci	**	**		
	Xenon-137 Ci	**	**		
	Xenon-138 Ci	**	**		
	Xenon-127 Ci	**	**		
2.	<u>Iodines</u> ²				
	Iodine-131 Ci	**	**		
	Iodine-133 Ci	**	**		
	Iodine-135 Ci	**	**		
3.	<u>Particulates</u> ²				
	Strontium-89 Ci	**	**		
	Strontium-90 Ci	<u>2.01E-09</u>	**		
	Cesium-134 Ci	**	**		
	Cesium-137 Ci	<u>1.29E-08</u>	<u>5.96E-09</u>		
	Cobalt-60 Ci	<u>1.90E-06</u>	<u>1.74E-06</u>		
	Cobalt-58 Ci	**	**		
	Manganese-54 Ci	<u>4.71E-09</u>	**		
	Barium-Lanthanum-140 Ci	**	**		
	Antimony-125 Ci	**	**		
	Niobium-95 Ci	**	**		
	Cerium-141 Ci	**	**		
	Cerium-144 Ci	**	**		
	Iron-59 Ci	**	**		
	Cesium-136 Ci	**	**		
	Chromium-51 Ci	**	**		
	Zinc-65 Ci	**	**		
	Iron-55 Ci	**	**		
	Molybdenum-99 Ci	**	**		
4.	<u>Tritium</u>	<u>5.62E+00</u>	<u>5.62E+00</u>		

¹ This Attachment 4 supersedes the information provided in the July-December 1995 Semi-Annual Radioactive Effluent Release Report for Nine Mile Point Nuclear Station Unit 1. The following 4th quarter category has been updated and includes actual off-site vendor results and deletes estimated values where appropriate: 3.

² Concentrations less than the lower limit of detection, as required by Technical Specifications or station procedures are indicated with a double asterisk.

