

Table 3-3

WNP-2 GASEOUS EFFLUENTS
SOURCE TERMS GROUND LEVEL RELEASES
RADWASTE BUILDING

July - December 1986

CONTINUOUS MODE

Nuclides Released	Unit	3rd Quarter	4th Quarter
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1. Fission gases

Krypton-85	Ci	< 4.2 E-06	< 8.3 E-06
Krypton-85m	Ci	< 1.8 E-01	< 1.6 E-01
Krypton-87	Ci	6.1 E-01	1.2 E+00
Krypton-88	Ci	8.3 E-01	1.8 E+00
Xenon-133	Ci	9.4 E-01	1.3 E+00
Xenon-135	Ci	7.8 E-01	4.7 E-01
Xenon-135m	Ci	6.0 E-01	1.5 E+00
Xenon-138	Ci	2.2 E+00	< 2.2 E+01
Xenon-133m	Ci	1.6 E+00	2.7 E+00
Total for period	Ci	7.6 E+00	9.0 E+00

2. Iodines

Iodine-131	Ci	7.8 E-05	9.2 E-05
Iodine-133	Ci	2.4 E-04	5.6 E-04
Iodine-135	Ci	< 5.9 E-04	< 9.1 E-04
Total for period	Ci	3.2 E-04	6.5 E-04

NOTE: Kr-85 value is a fission product ratio from other fission gas isotopes.

Washington Public Power Supply System

3000 George Washington Way P.O. Box 968 Richland, Washington 99352-0968 (509)372-5000

August 18, 1987
G02-87-229

Docket No. 50-397

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: NUCLEAR PLANT NO. 2
SEMI-ANNUAL EFFLUENT REPORT
JANUARY 1, 1987 TO JUNE 30, 1987 (ATTACHED)

In accordance with title 10 of the Code of Federal Regulations, Part 50.36a (a) (2), the subject report is herewith being submitted.

Should you have any questions, please contact Mr. R. G. Graybeal, Manager, WNP-2 Health Physics/Chemistry.

Very truly yours,



C. M. Powers
WNP-2 Plant Manager

bk
Attachment

cc: RB Samworth - NRC
C Eschels - EFSEC
D Jaquish- DOE
JB Martin - NRC RV (2)
D Sherman - Amer. Nuclear Insurers
TR Strong - DSHS
NRC Site Inspector

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