



File: 37-23341-01 (INS)  
730-20934

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406

November 18, 1992

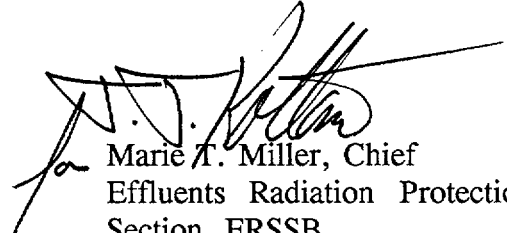
MEMORANDUM FOR: John D. Kinneman, Chief, Research, Development & Decommissioning Section B, NMSB, DRSS

FROM: Marie T. Miller, Chief, Effluents Radiation Protection Section, FRSSB, DRSS

SUBJECT: RESULTS OF TLD DIRECT RADIATION ENVIRONMENTAL MONITORING AT INS

The attachment to this memo provides the results of the subject monitoring for the third quarter 1992. The TLDs were in place for 107 days, from July 17 to October 1, 1992. They were annealed on June 11 and read on October 22, 1992.

Please contact either me or R. Struckmeyer if you have any questions.

  
Marie T. Miller, Chief  
Effluents Radiation Protection  
Section, FRSSB

Attachment: As stated

cc:  
J. Joyner, FRSSB  
R. Bellamy, NMSB

INS

TLD Direct Radiation Environmental Monitoring

For the period 920611-921022 134 Days

Field Time: 107 Days

NRC Sta	Location Azimuth/Dist (Deg)/(Mi)		Gross Exposure (mR) +-Rdm; Tot.	Net Exposure Rate (mR/Std. Qtr.) +-Rdm; Tot.	Hist. Range Net Exp Rate +-1 Std Dev
1	0	0.0	194.6 +- 5.8; 29.2	160.4 +- 4.9; 24.7	128.2 +- 47.2
2	0	0.0	230.4 +- 6.9; 34.6	190.5 +- 5.8; 29.2	147.9 +- 55.8
3	0	0.0	26.6 +- 0.8; 4.0	19.0 +- 0.7; 4.4	19.7 +- 3.1
4	0	0.0	43.3 +- 1.3; 6.5	33.1 +- 1.1; 6.2	33.3 +- 6.2
5	0	0.0	23.0 +- 0.7; 3.5	16.1 +- 0.7; 4.1	16.7 +- 2.5
6	0	0.0	24.7 +- 0.7; 3.7	17.5 +- 0.7; 4.2	18.6 +- 1.6
7	0	0.0	25.9 +- 0.8; 3.9	18.5 +- 0.7; 4.4	21.7 +- 6.3
8	0	0.0	27.4 +- 0.8; 4.1	19.7 +- 0.8; 4.5	21.4 +- 3.7
9	0	0.0	Missing Dosimeter	No Net Data	19.6 +- 2.9
10	0	0.0	26.0 +- 0.8; 3.9	18.5 +- 0.7; 4.4	18.2 +- 1.5
11	0	0.0	25.1 +- 0.8; 3.8	17.8 +- 0.7; 4.3	19.8 +- 3.0
12	0	0.0	36.2 +- 1.1; 5.4	27.2 +- 1.0; 5.4	27.4 +- 1.6
13	0	0.0	46.4 +- 1.4; 7.0	35.7 +- 1.2; 6.5	33.3 +- 9.3
14	0	0.0	36.1 +- 1.1; 5.4	27.1 +- 1.0; 5.4	27.9 +- 3.3
15	0	0.0	23.3 +- 0.7; 3.5	16.3 +- 0.7; 4.1	16.1 +- 1.6
16	0	0.0	28.7 +- 0.9; 4.3	20.8 +- 0.8; 4.6	20.9 +- 2.7

Transit Dose = 4.0 +- 0.4; 3.4

INS

For the period 920611-921022

TLD Direct Radiation Environmental Monitoring

Azimuth (degrees)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
348.76 - 11.25 N	42.5 +- 54.6	15
11.26 - 33.75 NNE	No Data +- No Data	0
33.76 - 56.25 NE	No Data +- No Data	0
56.26 - 78.75 ENE	No Data +- No Data	0
78.76 - 101.25 E	No Data +- No Data	0
101.26 - 123.75 ESE	No Data +- No Data	0
123.76 - 146.25 SE	No Data +- No Data	0
146.26 - 168.75 SSE	No Data +- No Data	0
168.76 - 191.25 S	No Data +- No Data	0
191.26 - 213.75 SSW	No Data +- No Data	0
213.76 - 236.25 SW	No Data +- No Data	0
236.26 - 258.75 WSW	No Data +- No Data	0
258.76 - 281.25 W	No Data +- No Data	0
281.26 - 303.75 WNW	No Data +- No Data	0
303.76 - 326.25 NW	No Data +- No Data	0
326.26 - 348.75 NNW	No Data +- No Data	0

Distance From Reactor (miles)	Ave. Exposure Rate (mR/Std.Qtr.) +- Std.Dev.	Number In Group
0 - 2	42.5 +- 54.6	15
2 - 5	No Data +- No Data	0
> 5	No Data +- No Data	0
Upwind Control	No Data +- No Data	0