F-L: 37-23341-01

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

August 12, 1992

MEMORANDUM FOR: Steven L. Baggett, Acting Chief, Nuclear Materials Safety Section B, NMSB, DRSS

FROM: Robert J. Bores, 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 second quarter 1992. The TLDs were in place for 92 days, from March 17 to July 17, 1992. They were annealed on March 14 and read on July 16, 1992.

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

Robert J. Bores, 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 920314-920716 125 Days
Field Time: 93 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	141.5 +- 4.2;21.2	136.0 +- 4.1;20.7	127.1 +-50.8
2	0	0.0	168.9 +- 5.1;25.3	162.5 +- 4.9;24.7	145.9 +-59.9
3	0	0.0	22.7 +- 0.7; 3.4	21.0 +- 0.7; 4.3	19.6 +- 3.3
4	0	0.0	35.6 +- 1.1; 5.3	33.5 +- 1.1; 5.8	33.2 +- 6.7
5	0	0.0	Damaged Dosimeter	No Net Data	16.7 +- 2.5
6	0	0.0	21.5 +- 0.6; 3.2	19.8 +- 0.7; 4.1	18.4 +- 1.6
7	0	0.0	24.9 +- 0.7; 3.7	23.1 +- 0.8; 4.5	21.5 +- 6.9
8	0	0.0	27.4 +- 0.8; 4.1	25.6 +- 0.8; 4.8	20.8 +- 3.6
9	0	0.0	22.5 +- 0.7; 3.4	20.8 +- 0.7; 4.2	19.4 +- 3.1
10	0	0.0	21.5 +- 0.6; 3.2	19.8 +- 0.7; 4.1	18.0 +- 1.5
11	0	0.0	24.8 +- 0.7; 3.7	23.0 +- 0.8; 4.5	19.3 +- 2.9
12	0	0.0	31.2 +- 0.9; 4.7	29.2 +- 0.9; 5.3	27.2 +- 1.6
13	0	0.0	32.3 +- 1.0; 4.8	30.3 +- 1.0; 5.4	33.7 +-10.0
14	0	0.0	28.6 +- 0.9; 4.3	26.8 +- 0.9; 5.0	28.0 +- 3.5
15	0	0.0	17.4 +- 0.5; 2.6	15.9 +- 0.6; 3.7	16.2 +- 1.7
16	0	0.0	26.0 +- 0.8; 3.9	24.2 +- 0.8; 4.6	20.4 +- 2.5

Transit Dose = 1.0 +- 0.3; 2.8