



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

030-20934
37-23341-01

November 30, 1990

MEMORANDUM FOR: J. Kinneman, Chief, Nuclear Materials Safety Section B,
NMSB, DRSS

FROM: Robert J. Bores, Chief, Effluents Radiation Protection
Section, FRSSB

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 1990. The TLDs were in place for 64 days, from July 26 to September 27. They were annealed on July 26 and read on October 11.

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:
R. Bellamy, DRSS

170079

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INS

TLD DIRECT RADIATION ENVIRONMENTAL MONITORING
FOR THE PERIOD 900726-901011 78 DAYS
FIELD TIME 64 DAYS

NRC STATION	LOCATION		GROSS EXPOSURE (mR)			NET EXPOSURE RATE mR/Std.Qtr.		
	AZIMUTH (deg.)	DIST (mi.)	+ -	Rdm	Tot.	+ -	Rdm	Tot.
001	1	1	28.6	+ -	.9 ; 4.3	36.6	+ - 1.2 ;	6.7
002	1	1	30.6	+ -	.9 ; 4.6	39.5	+ - 1.3 ;	7.1
003	1	1	13.7	+ -	.4 ; 2.1	15.7	+ - .7 ;	4.1
004	1	1	16.7	+ -	.5 ; 2.5	20.0	+ - .8 ;	4.6
005	1	1	12.4	+ -	.4 ; 1.9	13.9	+ - .6 ;	3.9
006	1	1	14.7	+ -	.4 ; 2.2	17.1	+ - .7 ;	4.2
007	1	1	13.7	+ -	.4 ; 2.1	15.7	+ - .7 ;	4.1
008	1	1	14.4	+ -	.4 ; 2.2	16.7	+ - .7 ;	4.2
009	1	1	19.7	+ -	.6 ; 2.9	24.1	+ - .9 ;	5.1
010	1	1	14.9	+ -	.4 ; 2.2	17.4	+ - .7 ;	4.3
011	1	1	14.8	+ -	.4 ; 2.2	17.2	+ - .7 ;	4.3
012	1	1	21.1	+ -	.6 ; 3.2	26.1	+ - .9 ;	5.3
013	1	1	22.6	+ -	.7 ; 3.4	28.2	+ - 1.0 ;	5.6
014	1	1	18.9	+ -	.6 ; 2.8	23.0	+ - .9 ;	4.9
015	1	1	12.9	+ -	.4 ; 1.9	14.5	+ - .6 ;	4.0
016	1	1	17.0	+ -	.5 ; 2.5	20.3	+ - .8 ;	4.6

TRANSIT DOSE = 2.5 + - .2 ; 2.1

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