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February 23, 1990
4410-90-L-0014/0163P

US Nuclear Regulatory Commission
Washington, DC 20555

Attention: Document Control Desk

Three Mile Island Nuclear Station, Unit 2 (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Annual Reports Required By Technical Specification 6.9.1.5
and 10 CFR 20.407

Dear Sirs:

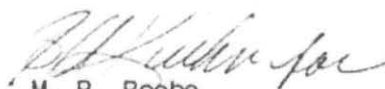
Attachments 1 and 2 are the Aircraft Movement Report and Annual Exposure Report for TMI-2 required by Technical Specification 6.9.1.5. Attachment 3 is the 10 CFR 20.407 Personnel Exposure Report for 1989.

The Annual Aircraft Movement Report provides aircraft movement data for the Harrisburg International Airport (HIA) for 1989. It also provides an estimated total movement of aircraft exceeding 200,000 pounds based upon currently available information from the HIA. This report is required by Technical Specification 6.9.1.5 as amended by Atomic Safety and Licensing Appeal Board Decision of September 19, 1982.

The Annual Exposure Report, which is based on information from Self-Reading Dosimeters (SRDs), is more detailed than required in that it lists exposures received by job function for all monitored personnel. The Technical Specifications require information for personnel whose exposure exceeds 100 mrem during the reporting period.

The Annual 10 CFR 20.407 Report of exposures for TMI-2 is based on information from thermoluminescent dosimeters (TLDs).

Sincerely,


M. B. Roche
Director, TMI-2

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Document Control Desk
February 23, 1990
4410-90-L-0014
Page 2

Attachments

cc: W. T. Russell - Regional Administrator, Region I
J. F. Stolz - Director, Plant Directorate I-4
L. H. Thonus - Project Manager, TMI Site
F. I. Young - Senior Resident Inspector, TMI

AIRCRAFT MOVEMENTS AT THE
HARRISBURG INTERNATIONAL AIRPORT

January 1 through December 31, 1989

Itinerant

Air Carrier	17,524
Air Taxi	41,328
General Aviation	26,851
Military	<u>5,685</u>
TOTAL =	91,388

Local

Civil	40,719
Military	<u>12,172</u>
TOTAL =	52,891

<u>TOTAL</u>	144,279
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Movement of aircraft larger than 200,000 pounds is estimated to be less than 220.

NUMBER OF PERSONNEL AND MAN REHS BY WORK AND JOB FUNCTION
MET-ED T H I UNIT 2 UNIT 2

REPORT---PERIOD
01/01/89 - 12/31/89

DATE 02/09/90
PAGE 1

JOB CATEGORY JOB FUNCTION	STATION PERSONNEL		UTILITY PERSONNEL		CONTRACTOR PERSONNEL	
	NUMBER	REHS	NUMBER	REHS	NUMBER	REHS
REACTOR OPERATIONS/SURV.						
MAINTENANCE PERSONNEL	55	8.883	0	.000	152	34.424
OPERATING PERSONNEL	88	23.223	0	.000	6	.532
HEALTH PHYSICS PERSONNEL	82	11.671	4	.049	40	9.971
SUPERVISORY PERSONNEL	34	.480	2	.027	31	4.509
ENGINEERING PERSONNEL	13	1.025	0	.000	40	1.641
ADMINISTRATIVE PERSONNEL	21	.139	15	.336	5	.241
ROUTINE MAINTENANCE						
MAINTENANCE PERSONNEL	71	3.900	0	.000	85	1.228
OPERATING PERSONNEL	55	7.827	0	.000	8	.010
HEALTH PHYSICS PERSONNEL	60	2.220	0	.000	26	.623
SUPERVISORY PERSONNEL	51	.545	2	.010	27	.392
ENGINEERING PERSONNEL	19	.037	1	.003	36	.223
ADMINISTRATIVE PERSONNEL	79	.078	21	.000	11	.005
INSERVICE INSPECTION						
MAINTENANCE PERSONNEL	4	.159	0	.000	12	1.016
OPERATING PERSONNEL	0	.000	0	.000	1	.085
HEALTH PHYSICS PERSONNEL	6	.481	0	.000	2	.125
SUPERVISORY PERSONNEL	0	.000	0	.000	3	.305
ENGINEERING PERSONNEL	0	.000	0	.000	4	.694
ADMINISTRATIVE PERSONNEL	47	.009	0	.000	0	.000
SPECIAL MAINTENANCE						
MAINTENANCE PERSONNEL	102	82.533	0	.000	193	258.020
OPERATING PERSONNEL	105	73.237	0	.000	10	2.994
HEALTH PHYSICS PERSONNEL	54	43.108	0	.000	35	33.782
SUPERVISORY PERSONNEL	28	1.531	5	.169	48	44.653
ENGINEERING PERSONNEL	11	1.907	2	.070	55	19.441
ADMINISTRATIVE PERSONNEL	29	.060	20	.781	6	1.198
WASTE PROCESSING						
MAINTENANCE PERSONNEL	52	1.959	0	.000	59	4.961
OPERATING PERSONNEL	74	11.630	0	.000	3	.071
HEALTH PHYSICS PERSONNEL	61	3.709	0	.000	24	1.394
SUPERVISORY PERSONNEL	25	2.021	2	.000	21	1.113
ENGINEERING PERSONNEL	9	.016	0	.000	26	.598
ADMINISTRATIVE PERSONNEL	69	.526	7	.010	3	.000

* NOTE: Special Maintenance includes:

- Reactor Building Decontamination
- Reactor Building Dose Reduction
- Reactor Systems Disassembly
- Reactor Defueling
- Primary Coolant Decontamination
- Auxiliary and Fuel Handling Building Decontamination

NUMBER OF PERSONNEL AND MAN REHS BY WORK AND JOB FUNCTION
 MET-ED T M I UNIT 2 UNIT 2

REPORT---PERIOD
 01/01/89 - 12/31/89

DATE 02/09/90
 PAGE 2

JOB CATEGORY JOB FUNCTION	STATION PERSONNEL		UTILITY PERSONNEL		CONTRACTOR PERSONNEL	
	NUMBER	REHS	NUMBER	REHS	NUMBER	REHS
* TOTAL BY JOB FUNCTION *						
MAINTENANCE PERSONNEL	115	97.434	0	.000	291	299.649
OPERATING PERSONNEL	119	115.917	0	.000	15	3.692
HEALTH PHYSICS PERSONNEL	88	61.189	4	.049	46	45.895
SUPERVISORY PERSONNEL	70	4.577	5	.206	54	50.972
ENGINEERING PERSONNEL	30	2.985	3	.070	73	22.597
ADMINISTRATIVE PERSONNEL	104	1.612	42	1.127	15	1.444
** GRAND TOTAL **	526	283.714	54	1.452	404	424.249

THREE MILE ISLAND UNIT 2
10 CFR 20.407 REPORT

Report Period: 01-01-89 through 12-31-89

Plant Total This Period (Rem)	639.101
Total No. Of Personnel Where Monitoring by TLD Was Required/Provided In Accordance With 10 CFR 20.407(a)(2)	1249
<u>Personnel Count By Whole Body Exposure Range (Rem)</u>	<u>Number of Personnel</u>
No Measurable Exposure	235
Exposure Less Than 0.1	494
0.1 to 0.25	89
0.25 to 0.5	68
0.5 to 0.75	51
0.75 to 1	45
1 to 2	144
2 to 3	101
3 to 4	22
4 to 5	0
5 to 6	0
6 to 7	0
7 to 8	0
8 to 9	0
9 to 10	0
10 to 11	0
11 to 12	0
More Than 12	0