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C321-94-2023  
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Director  
Office of Nuclear Regulatory Research  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

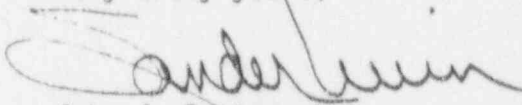
Dear Sir:

Subject: Oyster Creek Nuclear Generating Station  
Docket No. 50-219  
Annual Exposure Data Report for 1993

In accordance with 10 CFR 20.407 and paragraph 5.9.1.6 of the Oyster Creek Nuclear Generating Station Technical Specifications, attached is the Annual Exposure Data Report for 1993.

If you should have any questions concerning this report, please do not hesitate to contact Brenda DeMerchant, Oyster Creek Licensing Engineer at (609)971-4642.

Very truly yours,

  
*for* John J. Barton  
Vice President and Director  
Oyster Creek

JJB/BDEM:jc  
Attachment  
cc: Administrator, Region 1  
Senior NRC Resident Inspector  
Document Control Desk

American Nuclear Insurers  
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**NUMBER OF PERSONNEL AND MAN REMS BY WORK AND JOB FUNCTIONS  
SELF READING POCKET DOSIMETER DATA - OYSTER CREEK 1993**

WORK AND JOB FUNCTION	NUMBER OF PERSONNEL*			TOTAL MAN REM*		
	STATION EMPLOYEES	UTILITY** EMPLOYEES	CONTRACTOR WORKERS & OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACTOR WORKERS & OTHERS
<b>REACTOR OPER &amp; SURVEIL</b>						
MAINTENANCE	128	18	110	11.398	.450	8.670
OPERATIONS	133	0	5	26.257	.000	.026
HEALTH PHYSICS	94	0	83	12.950	.000	4.574
SUPERVISORY	17	0	4	.338	.000	.024
ENGINEERING	27	0	1	.431	.000	.067
OTHER	1	0	0	.006	.000	.000
<b>ROUTINE MAINTENANCE</b>						
MAINTENANCE	428	48	749	48.199	1.867	49.455
OPERATIONS	233	1	32	9.725	.000	.320
HEALTH PHYSICS	73	0	20	4.459	.000	.322
SUPERVISORY	96	5	52	2.533	.000	.681
ENGINEERING	168	2	56	3.393	.049	.868
OTHER	24	0	15	.680	.000	.028
<b>INSERVICE INSPECTION</b>						
MAINTENANCE	27	3	143	.306	.070	2.725
OPERATIONS	15	0	4	.067	.000	.088
HEALTH PHYSICS	16	0	4	.203	.000	.240
SUPERVISORY	1	0	2	.010	.000	.008
ENGINEERING	12	1	5	.071	.000	.133
OTHER	0	0	2	.000	.000	.000
<b>SPECIAL MAINTENANCE</b>						
MAINTENANCE	246	36	775	43.299	3.196	158.767
OPERATIONS	85	0	8	5.250	.000	1.907
HEALTH PHYSICS	57	0	46	6.076	.000	4.311
SUPERVISORY	25	0	25	1.472	.000	1.930
ENGINEERING	59	0	26	3.438	.000	4.142
OTHER	2	0	2	.508	.000	.195
<b>WASTE PROCESSING</b>						
MAINTENANCE	79	6	85	1.275	.022	4.235
OPERATIONS	57	0	5	1.274	.000	3.563
HEALTH PHYSICS	40	0	17	1.292	.000	.429
SUPERVISORY	4	0	0	.080	.000	.000
ENGINEERING	6	0	3	.362	.000	.063
OTHER	3	0	2	.014	.000	.077
<b>REFUELING</b>						
MAINTENANCE	44	5	79	.380	.020	8.953
OPERATIONS	39	0	1	1.017	.000	.100
HEALTH PHYSICS	15	0	10	.221	.000	.331
SUPERVISORY	2	0	2	.025	.000	.060
ENGINEERING	7	0	7	.107	.000	.532
OTHER	0	0	0	.000	.000	.000
<b>*TOTAL BY JOB FUNCTION*</b>						
MAINTENANCE	485	48	984	104.857	5.625	232.805
OPERATIONS	287	1	38	43.590	.000	6.004
HEALTH PHYSICS	114	0	92	25.201	.000	10.207
SUPERVISORY	103	5	58	4.458	.000	2.703
ENGINEERING	177	2	62	7.802	.049	5.805
OTHER	24	0	16	1.208	.000	.300
<b>GRAND TOTAL ***</b>	<b>1,190</b>	<b>56</b>	<b>1,248</b>	<b>187.116</b>	<b>5.674</b>	<b>257.824</b>

\* The individual personnel "totals" do not necessarily reflect the sum of the personnel listed under each category due to the fact that personnel performed various functions during the year and may have been included in more than one "WORK AND JOB FUNCTION"

\*\* UTILITY EMPLOYEES - ALL GPU & JCP&L employees not permanently assigned to Oyster Creek

\*\*\* Not all personnel for whom dosimetry was provided made entries into radiation control areas.

STATISTICAL SUMMARY REPORT  
(10 CFR 20.407)  
PERSONNEL WHOLE BODY EXPOSURES FOR CALENDAR YEAR 1993

OYSTER CREEK GENERATING STATION

DPR-16

Licensee Reporting (Name & Address)

License No.

PO BOX 388, FORKED RIVER, N.J. 08731

Annual Dose Ranges * (rem)	Number of Individuals in Each Range
No Measurable Exposure .....	184
Measurable Exposure Less than 0.10 .....	1,541
0.10 - 0.25 .....	443
0.25 - 0.5 .....	331
0.50 - 0.75 .....	170
0.75 - 1 .....	42
1 - 2 .....	30
2 - 3 .....	3
3 - 4 .....	
4 - 5 .....	
5 - 6 .....	
6 - 7 .....	
7 - 8 .....	
8 - 9 .....	
9 - 10 .....	
10 - 11 .....	
11 - 12 .....	
12+ .....	
Total Number of Individuals Reported	<u>2,744</u>
Total dose recorded (REM)	416

The above information is submitted for the total number of individuals for whom personnel monitoring was (check one)  
 required under 10 CFR 20.202 (a) or 10 CFR 34.33 (a) during the calendar year.  
 provided during the calendar year.

\* Individual values exactly equal to the values separating exposure ranges shall be reported in the higher range.