

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DPR-59, Docket No. 50-333

Personnel Radiation Exposure Summary
Number of Personnel and Man Rem by Work Function

Calendar Year 1982

PLANT FUNCTION: ROUTINE SURVEILLANCE AND INSPECTION

<u>Work Function</u>	<u>NUMBER OF PERSONNEL</u>		<u>TOTAL MAN REM</u>	
	<u>Plant Employees</u>	<u>Contract Workers</u>	<u>Plant Employees</u>	<u>Contract Workers</u>
Maintenance	26	54	1.97	14.39
Instrument and Control	23	1	7.6	0.1
Radiation Protection and Chemistry	25	56	19.8	28.51
Operations	27	0	1.62	0
Engineering and Supervision	14	15	1.92	1.4
Security	84	0	15.71	0
Others (Visitors, Clerical, etc.)	<u>27</u>	<u>8</u>	<u>1.64</u>	<u>0.64</u>
Totals	<u>226</u>	<u>134</u>	<u>50.26</u>	<u>45.04</u>
CATEGORY TOTAL	360		95.3	

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DPR-59, Docket No. 50-333

Personnel Radiation Exposure Summary
Number of Personnel and Man Rem by Work Function

Calendar Year 1982

PLANT FUNCTION: ROUTINE PLANT MAINTENANCE

<u>Work Function</u>	<u>NUMBER OF PERSONNEL</u>		<u>TOTAL MAN REM</u>	
	<u>Plant Employees</u>	<u>Contract Workers</u>	<u>Plant Employees</u>	<u>Contract Workers</u>
Maintenance				
Mechanics	42	491	80.84	193.19
Electricians	16	1	23.75	2.65
Buildings and Grounds	42	82	5.23	11.75
Instrument and Control	24	1	19.68	0.04
Radiation Protection and Chemistry	11	0	1.34	0
Operations	38	0	2.89	0
Engineering and Supervision	30	90	5.03	11.0
Others (Visitors, Clerical, etc.)	<u>27</u>	<u>4</u>	<u>4.62</u>	<u>0.19</u>
Totals	<u>230</u>	<u>669</u>	<u>143.38</u>	<u>218.82</u>
CATEGORY TOTAL	899		362.2	

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DPR-59, Docket No. 50-333

Personnel Radiation Exposure Summary
Number of Personnel and Man Rem by Work Function

Calendar Year 1982

PLANT FUNCTION: SPECIAL PLANT MAINTENANCE

<u>Work Function</u>	<u>NUMBER OF PERSONNEL</u>		<u>TOTAL MAN REM</u>	
	<u>Plant Employees</u>	<u>Contract Workers</u>	<u>Plant Employees</u>	<u>Contract Workers</u>
Maintenance				
Mechanics	32	458	1.26	127.65
Electricians	5	0	0.04	0
Other	13	469	2.5	350.13
Instrument and Control	15	0	1	0
Radiation Protection and Chemistry	5	4	0.13	2.63
Operations	15	0	0.67	0
Engineering and Supervision	28	108	3.52	45.97
Others (Visitors, Clerical, etc.)	<u>17</u>	<u>2</u>	<u>3.7</u>	<u>0.37</u>
Totals	<u>130</u>	<u>1,041</u>	<u>12.82</u>	<u>526.75</u>
CATEGORY TOTAL	1,171		539.57	

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DPR-59, Docket No. 50-333

Personnel Radiation Exposure Summary
Number of Personnel and Man Rem by Work Function

Calendar Year 1982

PLANT FUNCTION: ROUTINE OPERATION

<u>Work Function</u>	<u>NUMBER OF PERSONNEL</u>		<u>TOTAL MAN REM</u>	
	<u>Plant Employees</u>	<u>Contract Workers</u>	<u>Plant Employees</u>	<u>Contract Workers</u>
Maintenance	14	7	1.31	0.16
Instrument and Control	9	0	0.28	0
Radiation Protection and Chemistry	6	0	0.46	0
Operations	62	0	36.85	0
Engineering and Supervision	16	5	1.94	0.08
Others (Visitors, Clerical, etc.)	<u>5</u>	<u>1</u>	<u>0.71</u>	<u>0.06</u>
Totals	<u>112</u>	<u>13</u>	<u>41.55</u>	<u>0.3</u>
CATEGORY TOTAL	125		41.85	

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DPR-59, Docket No. 50-333

Personnel Radiation Exposure Summary
Number of Personnel and Man Rem by Work Function

Calendar Year 1982

PLANT FUNCTION: WASTE DISPOSAL

<u>Work Function</u>	<u>NUMBER OF PERSONNEL</u>		<u>TOTAL MAN REM</u>	
	<u>Plant Employees</u>	<u>Contract Workers</u>	<u>Plant Employees</u>	<u>Contract Workers</u>
Maintenance				
Mechanics	39	109	8.4	16.58
Electricians	13	1	3.48	0.19
Buildings and Grounds	61	17	15.72	0.26
Instrument and Control	10	0	0.35	0
Radiation Protection and Chemistry	11	9	0.36	0.38
Operations	41	5	36.64	7.74
Engineering and Supervision	11	55	0.29	28.34
Others (Visitors, Clerical, etc.)	<u>11</u>	<u>0</u>	<u>1.61</u>	<u>0</u>
Totals	<u>197</u>	<u>196</u>	<u>66.85</u>	<u>53.49</u>
CATEGORY TOTAL		393		120.34

POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DPR-59, Docket No. 50-333

Personnel Radiation Exposure Summary
Number of Personnel and Man Rem by Work Function

Calendar Year 1982

PLANT FUNCTION: INSERVICE INSPECTION

<u>Work Function</u>	<u>NUMBER OF PERSONNEL</u>		<u>TOTAL MAN REM</u>	
	<u>Plant Employees</u>	<u>Contract Workers</u>	<u>Plant Employees</u>	<u>Contract Workers</u>
Maintenance	31	124	1.12	7.23
Instrument and Control	17	0	1.54	0
Radiation Protection and Chemistry	14	4	0.36	0.06
Operations	25	0	1.65	0
Engineering and Supervision	39	55	4.13	4.53
Others (Visitors, Clerical, etc.)	<u>61</u>	<u>7</u>	<u>5.27</u>	<u>5.13</u>
Totals	<u>187</u>	<u>190</u>	<u>14.07</u>	<u>16.95</u>
CATEGORY TOTAL	377		31.02	
GRAND TOTAL (6 CATEGORIES)	3,325*		1,190.28	

*NOTE: The discrepancy in total personnel as reported in the 1982 10 CFR 20.407 report (enclosed as Appendix A) and the above 1.16 report results from existing dosimetry software not being able to take into account those individuals who work under RWP's involving more than one plant function.

APPENDIX A