

NEW YORK POWER AUTHORITY  
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 1984

Plant Function: Routine Surveillance and Inspection

	Number of Personnel		Total Man-rem		
	Work Function	Plant Employees	Contract Workers	Plant Employees	Contract Workers
Maintenance					
Mechanics		13	2	2.74	0.156
Electricians		4	0	0.36	0
Buildings & Grounds		1	0	0.008	0
Instrument and Control		25	1	2.34	0.024
Radiation Protection & Chemistry		27	42	21.575	25.9
Operations		19	0	1.07	0
Engineering & Supervision		11	5	1.618	0.041
Others (visitors, clerical, etc.)		30	28	1.728	1.614
Subtotal		130	78	31.439	27.735
CATEGORY TOTAL		208		59.174	

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

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Plant Function: Routine Plant Maintenance

Work Function	Number of Personnel		Total Man-rem	
	Plant Employees	Contract Workers	Plant Employees	Contract Workers
Maintenance				
Mechanics	113	180	130.955	48.97
Electricians	30	6	25.527	1.57
Buildings & Grounds	32	3	7.39	0.97
Instrument and Control	30	1	21.236	0.897
Radiation Protection & Chemistry	17	14	1.11	1.01
Operations	41	2	2.927	0.016
Engineering & Supervision	29	63	10.416	6.909
Others (visitors, clerical, etc.)	37	9	8.259	1.77
Subtotal	329	278	207.82	62.112
CATEGORY TOTAL		607		269.932

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Plant Function: Special Plant Maintenance

Work Function	Number of Personnel		Total Man-rem	
	Plant Employees	Contract Workers	Plant Employees	Contract Workers
Maintenance				
Mechanics	84	369	115.0	266.196
Electricians	30	9	42.916	0.379
Buildings & Grounds	27	1	2.348	1.326
Instrument and Control	12	1	0.84	0.082
Radiation Protection & Chemistry	10	9	0.585	1.326
Operations	36	0	2.907	0
Engineering & Supervision	31	130	7.32	45.756
Others (visitors, clerical, etc.)	44	11	13.628	2.86
Subtotal	274	530	185.544	317.925

CATEGORY TOTAL

804

503.469

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 Number of Personnel and Man-Rem by Work Function

Calendar Year 1984

Plant Function: Routine Operation

	Number of Personnel		Total Man-rem		
	Work Function	Plant Employees	Contract Workers	Plant Employees	Contract Workers
Maintenance					
Mechanics		2	7	0.033	0.708
Electricians		1	0	0.008	0
Buildings & Grounds		2	0	0.403	0
Instrument and Control		2	0	0.04	0
Radiation Protection & Chemistry		7	3	0.165	0.04
Operations		55	0	20.067	0
Engineering & Supervision		8	0	0.733	0
Others (visitors, clerical, etc.)		4	0	0.684	0
Subtotal		81	10	22.133	0.748
CATEGORY TOTAL			91		22.881



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Plant Function: Waste Disposal

	Number of Personnel		Total Man-rem		
	Work Function	Plant Employees	Contract Workers	Plant Employees	Contract Workers
Maintenance					
Mechanics		29	14	1.15	0.535
Electricians		7	0	0.18	0
Buildings & Grounds		105	5	25.25	1.589
Instrument and Control		3	0	0.033	0
Radiation Protection & Chemistry		9	4	0.996	0.255
Operations		36	1	8.53	3.21
Engineering & Supervision		2	9	0.024	1.894
Others (visitors, clerical, etc.)		4	1	1.24	0.008
Subtotal		195	34	37.403	7.491
CATEGORY TOTAL		229		44.894	

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Calendar Year 1984

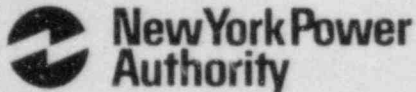
Plant Function: Inservice Inspection

	Number of Personnel		Total Man-rem		
	Work Function	Plant Employees	Contract Workers	Plant Employees	Contract Workers
Maintenance					
Mechanics		42	83	3.59	5.904
Electricians		16	0	1.45	0
Buildings & Grounds		11	0	0.37	0
Instrument and Control		14	1	0.395	0.082
Radiation Protection & Chemistry		11	6	0.412	0.165
Operations		32	0	1.515	0
Engineering & Supervision		35	88	6.02	44.424
Others (visitors, clerical, etc.)		66	5	6.03	0.453
Subtotal		227	183	19.782	51.028
CATEGORY TOTAL		410		70.81	
GRAND TOTAL (6 CATEGORIES)		2349*		971.16	

\*NOTE: The small discrepancy in total personnel reported in the 1984 10 CFR 20.407 Report (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 RWPs involving more than one plant function.

James A. FitzPatrick  
Nuclear Power Plant  
P.O. Box 41  
Lycoming, New York 13093  
315 342.3840

Harold A. Glovier  
Resident Manager



January 24, 1985  
JAFF-85-0069

U.S. Nuclear Regulatory Commission  
Region I  
631 Park Avenue  
King of Prussia, PA 19406

Attention: Dr. Thomas E. Murley  
Regional Administrator

SUBJECT: DPR-59, DOCKET NO. 50-333,  
1984 EXPOSURE SUMMARY

Gentlemen:

Attached please find the 1984 Personnel Radiation Exposure Summary by job function submitted in accordance with the James A. FitzPatrick Nuclear Power Plant Operating License DPR-59, Appendix A, Section 6.9 (A) 2. The New York Power Authority's James A. FitzPatrick Nuclear Power Plant is accredited by the Department of Commerce, National Voluntary Laboratory Accreditation Program for selected test methods for Personnel Radiation Dosimetry Processing Services (Expires 10/86).

*by Dr. R. Glovier*  
HAROLD A. GLOVIER

HAG/DAD/mam  
Attachment

CC: C. A. McNeill (WPO)  
J. J. Kelly (WPO)  
R. Converse  
E. Mulcahey  
D. Dooley  
M. McMahon  
File  
Document Control Center

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