

James A. FitzPatrick
Nuclear Power Plant
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Michael J. Colomb
Site Executive Officer

February 2, 2000
JAFP-00-0027

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

SUBJECT: 1999 PERSONNEL RADIATION EXPOSURE SUMMARY REPORT, DPR-59,
DOCKET 50-333

Attached is the 1999 Personnel Radiation Exposure Summary Report submitted in accordance with the James A. FitzPatrick Nuclear Power Plant operating license DPR-59 Appendix A, Section 6.9(A)2a. The summary is formatted in accordance with Regulatory Guide 1.16.

For calendar year 1999 the total collective station dose was 68.409 person-rem (TEDE). The enclosed summary accounts for 96.4% of the total dose.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Michael J. Colomb', written over a horizontal line.

MICHAEL J. COLOMB
SITE EXECUTIVE OFFICER

RB
RLB/MJC/bld

Enclosure

xc: NRC Regional Administrator
NRC Resident Inspector
Kevin Pushee
Art Zaremba
RES File

IE56

New York Power Authority
Fitzpatrick Nuclear Power Plant
Radiological and Environmental Services Department
1999 Personnel Radiation Exposure Summary

NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

Work and Job Function	Number of Personnel [>100 mRem]			Total Man-Rem		
	Station Employees	Utility Employees	Contractors and Others	Station Employees	Utility Employees	Contractors and Others
Reactor Operations and Surveillance						
Maintenance Personnel	34	0	1	1.14	0.00	0.00
Operating Personnel	47	0	1	11.99	0.00	0.02
Health Physics Personnel	36	0	0	6.69	0.00	0.00
Supervisory Personnel	1	0	1	0.30	0.00	0.02
Engineering Personnel	2	0	0	0.10	0.00	0.00
Routine Maintenance						
Maintenance Personnel	69	0	10	20.97	0.01	3.16
Operating Personnel	39	0	1	1.32	0.00	0.01
Health Physics Personnel	32	0	0	2.24	0.00	0.00
Supervisory Personnel	2	0	0	0.41	0.00	0.03
Engineering Personnel	3	0	0	0.24	0.00	0.00
In-service Inspection						
Maintenance Personnel	47	0	10	0.90	0.00	0.29
Operating Personnel	44	0	0	2.29	0.00	0.14
Health Physics Personnel	26	0	0	0.59	0.01	0.00
Supervisory Personnel	2	0	1	0.60	0.01	0.38
Engineering Personnel	3	0	2	1.49	0.00	1.01
Special Maintenance						
Maintenance Personnel	33	0	13	0.44	0.00	2.29
Operating Personnel	15	0	0	0.02	0.00	0.00
Health Physics Personnel	25	0	0	0.22	0.01	0.18
Supervisory Personnel	0	0	0	0.01	0.00	0.05
Engineering Personnel	0	0	0	0.01	0.00	0.03
Waste Processing						
Maintenance Personnel	9	0	0	1.35	0.09	0.05
Operating Personnel	6	0	1	1.31	0.00	0.20
Health Physics Personnel	18	0	0	1.55	0.09	0.23
Supervisory Personnel	1	0	0	0.01	0.00	0.00
Engineering Personnel	0	0	0	0.00	0.00	0.00
Refueling						
Maintenance Personnel	9	0	0	0.05	0.00	0.44
Operating Personnel	19	0	0	0.56	0.00	0.00
Health Physics Personnel	17	0	0	0.20	0.00	0.00
Supervisory Personnel	0	0	0	0.00	0.00	0.05
Engineering Personnel	0	0	0	0.07	0.00	0.00
Total						
Maintenance Personnel	72	0	18	24.86	0.10	6.23
Operating Personnel	57	0	1	17.49	0.00	0.37
Health Physics Personnel	40	0	0	11.51	0.11	0.41
Supervisory Personnel	3	0	1	1.40	0.01	0.53
Engineering Personnel	3	0	2	1.91	0.00	1.04
Grand Total	167	0	22	57.16	0.23	8.58