



Illinois Power Company
Clinton Power Station
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U-602561
L30-96(03 - 06)LP
1A.120

March 6, 1996

Docket No. 50-461

10CFR50.36

Document Control Desk
Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Annual Occupational Radiation Exposure Report

Dear Sir:

In accordance with Section 5.6.1 of the Clinton Power Station Technical Specifications, Illinois Power is submitting the Annual Occupational Radiation Exposure Report for the period of January 1, 1995 through December 31, 1995 for Clinton Power Station. Attachment 1 provides the data associated with Personnel Man-Rem by Work and Job Function.

Sincerely yours,

Michael W. Lyon
Director-Licensing

GBS/csm

Attachment

cc: NRC Clinton Licensing Project Manager
NRC Resident Office, V-690
Regional Administrator, Region III, USNRC
Director, Office of Nuclear Regulatory Research
Illinois Department of Nuclear Safety

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ILLINOIS POWER COMPANY
CLINTON POWER STATION
P. O. Box 678
Clinton, IL 61727

Reg. Guide 1.16 Report

Reporting Year: 95

WORK & JOB FUNCTION	# PERSONNEL (>100 MREM)			TOTAL MAN-REM		
	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
+-----+-----+-----+-----+-----+-----+-----+						
Routine Operations and Surveillance						
Maintenance and Construction	125	1	197	4.318	0.044	3.505
Operations	67	0	10	5.901	0.000	0.275
Health Physics and Lab	40	0	44	2.957	0.000	5.660
Supervisory and Office Staff	18	0	1	0.628	0.000	0.069
Engineering Staff	15	0	7	0.416	0.000	0.231
+-----+-----+-----+-----+-----+-----+-----+						
Routine Plant Maintenance						
Maintenance and Construction	30	0	23	0.546	0.000	0.713
Operations	3	0	0	0.008	0.000	0.000
Health Physics and Lab	15	0	2	0.179	0.000	0.020
Supervisory and Office Staff	0	0	0	0.000	0.000	0.000
Engineering Staff	2	0	0	0.014	0.000	0.000
+-----+-----+-----+-----+-----+-----+-----+						
Inservice Inspection						
Maintenance and Construction	7	0	33	0.199	0.000	4.621
Operations	2	0	0	0.010	0.000	0.000
Health Physics and Lab	1	0	11	0.002	0.000	0.092
Supervisory and Office Staff	1	0	0	0.186	0.000	0.000
Engineering Staff	4	0	9	0.281	0.000	2.195
+-----+-----+-----+-----+-----+-----+-----+						
Special Plant Maintenance						
Maintenance and Construction	153	3	374	41.245	0.623	108.761
Operations	72	1	11	12.258	0.016	0.512
Health Physics and Lab	50	0	46	11.320	0.000	4.789
Supervisory and Office Staff	25	0	4	2.104	0.000	0.196
Engineering Staff	19	0	4	2.548	0.000	0.369
+-----+-----+-----+-----+-----+-----+-----+						
Waste Processing						
Maintenance and Construction	7	0	1	0.038	0.000	0.282
Operations	0	0	3	0.000	0.000	0.545
Health Physics and Lab	13	0	0	0.287	0.000	0.000
Supervisory and Office Staff	1	0	0	0.001	0.000	0.000
Engineering Staff	0	0	0	0.000	0.000	0.000
+-----+-----+-----+-----+-----+-----+-----+						
Refueling Operations						
Maintenance and Construction	122	3	352	12.380	0.215	53.687
Operations	60	0	8	4.152	0.000	1.361
Health Physics and Lab	32	0	44	1.660	0.000	3.756
Supervisory and Office Staff	18	0	3	1.948	0.000	0.327
Engineering Staff	11	0	2	1.475	0.000	0.324
+-----+-----+-----+-----+-----+-----+-----+						
WORK & JOB FUNCTION TOTALS:	913	8	1189	107.061	0.897	192.289
+-----+-----+-----+-----+-----+-----+-----+						
	# PERSONNEL (>100 MREM)			TOTAL MAN-REM		
WORK & JOB FUNCTION	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
GRAND TOTALS:	305	4	507	107.061	0.897	192.289

Report of Personnel and Man-Rem by Work and Job Function

This report is a tabulation on a annual basis of the number of station, utility and other personnel (including contractors) who received exposures greater than 100 mrem/hr and their associated man-rem exposure according to work and job function.

The work and job function totals for personnel greater than 100 mrem/yr are different than grand totals because an individual may perform work under more than one work and job function during the year.

The total man-rem is based on a ratio of the official TLD results.