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Illinois Power Company
Clinton Power Station
P.O. Box 678
Clinton, IL 61727
Tel 217 935-8881

February 10, 1993

10CFR50.36

Docket No. 50-461

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

Subject: Annual Operating Report

Dear Sir:

In accordance with Section 6.9.1.4 of the Clinton Power Station Technical Specifications, Illinois Power Company is submitting the attached Clinton Power Station annual Operating Report for the period of January 1, 1992 through December 31, 1992.

Sincerely yours,

F. A. Spangenberg, III
Manager, Licensing and Safety

SFB/msh

Attachments

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

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Clinton Power Station
Clinton, Illinois

Annual Operating Report
January 1, 1992 through December 31, 1992

USNRC Docket 50-461

Attachments

- I. Personnel Man-Rem by Work and Job Function
- II. Performance Characteristics and Tests
 - ° Safety Valve and Safety/Relief Valve Challenges
 - ° Primary Coolant Specific Activity Analyses

ILLINOIS POWER COMPANY
CLINTON POWER STATION
BOX 678
CLINTON, ILLINOIS 61727
Reg. Guide 1.16 Report

Reporting Year: 92

WORK & JOB FUNCTION	# PERSONNEL (>100 MREM)			TOTAL MAN-REM		
	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
Routine Operations and Surveillance						
Maintenance and Construction	136	3	270	6.215	0.238	5.949
Operations	45	0	11	10.111	0.000	0.157
Health Physics and Lab	46	0	58	15.326	0.000	15.596
Supervisory and Office Staff	14	0	12	1.099	0.000	0.437
Engineering Staff	14	0	13	0.975	0.000	0.323
Routine Plant Maintenance						
Maintenance and Construction	115	2	82	5.046	0.159	1.979
Operations	31	0	2	1.015	0.000	0.030
Health Physics and Lab	24	0	5	0.692	0.000	0.150
Supervisory and Office Staff	4	0	2	0.067	0.000	0.059
Engineering Staff	9	0	0	0.227	0.000	0.000
Inservice Inspection						
Maintenance and Construction	10	0	171	0.387	0.000	40.604
Operations	3	0	3	0.064	0.000	0.970
Health Physics and Lab	5	0	14	0.172	0.000	0.704
Supervisory and Office Staff	1	0	1	0.056	0.000	0.275
Engineering Staff	4	0	11	0.094	0.000	4.416
Special Plant Maintenance						
Maintenance and Construction	154	3	362	57.703	0.914	147.004
Operations	45	0	12	9.602	0.000	2.262
Health Physics and Lab	39	0	44	8.837	0.000	3.867
Supervisory and Office Staff	13	0	9	2.632	0.000	2.744
Engineering Staff	12	0	13	2.332	0.000	0.876
Waste Processing						
Maintenance and Construction	8	0	2	0.684	0.000	0.651
Operations	0	0	0	0.000	0.000	0.000
Health Physics and Lab	7	0	1	0.462	0.000	0.060
Supervisory and Office Staff	0	0	0	0.000	0.000	0.000
Engineering Staff	0	0	0	0.000	0.000	0.000
Refueling Operations						
Maintenance and Construction	48	0	158	1.157	0.000	21.069
Operations	17	0	2	0.206	0.000	0.025
Health Physics and Lab	14	0	26	1.603	0.000	2.495
Supervisory and Office Staff	7	0	8	0.109	0.000	2.174
Engineering Staff	5	0	6	0.124	0.000	1.908
WORK & JOB FUNCTION TOTALS	821	8	1307	127.047	1.311	256.543

GRAND TOTALS	# PERSONNEL (>100 MREM)			TOTAL MAN-REM		
	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
GRAND TOTALS	268	3	498	127.047	1.311	256.543

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.

PERFORMANCE CHARACTERISTICS AND TESTS

Safety Valve and Safety/Relief Valve Challenges
(Reference: NUREG-0737, Action Item II.K.3.3)

There were no unplanned or planned challenges to Safety Relief Valves during 1992.

Primary Coolant Specific Activity Analyses
(Reference: CPS Technical Specifications, Section 6.9.1.5(c))

All analyses for specific activity of primary coolant were within the limits of Technical Specification 3.4.5 for 1992.