

COPY

March 14, 1978

POOR ORIGINAL

Mr. R. H. Engelken, Director
Office of Inspection and Enforcement
Region V
U. S. Nuclear Regulatory Commission
1990 N. California Boulevard
Walnut Creek Plaza, Suite 202
Walnut Creek, California 94596

Re: Docket No. 50-133
License No. DPR-7

Dear Mr. Engelken:

Pursuant to Section IX.I.1.b(3) of Appendix A to the Humboldt Bay Unit No. 3 Facility Operating License, we are submitting a tabulation of personnel exposure to radiation, distributed among various groups and work functions.

Very truly yours,

Philip A. Crane, Jr.

NLScherrer/PAC:TC

Enclosure
CC w/enc.: Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

bcc w/o enc.: Humboldt Distribution

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TABULATION OF PERSONNEL EXPOSURE

Number of Personnel and Man-Rem by Work and Job Function for 1977

POOR ORIGINAL

WORK AND JOB FUNCTION	Number of Personnel (>100 mrem)			Total Man-Rem		
	Station Emp.	Utility Employees	Contract Workers and Others	Station Emp.	Utility Employees	Contract Workers and Others
Reactor Operations and Surveillance		:				
Maintenance Personnel	0	0	0	0	0	0
Operating Personnel	15	0	0	16	0	0
Health Physics Personnel	1/2	0	0	1	0	0
Supervisory Personnel	6	0	6 1/2	3	0	2
Engineering Personnel	2	0	0	1	0	0
Routine Maintenance						
Maintenance Personnel	17	2 1/2	4	33	6	1
Operating Personnel	0	0	0	0	0	0
Health Physics Personnel	1	0	0	3	0	0
Supervisory Personnel	2 1/2	0	0	1	0	0
Engineering Personnel	1	0	0	1	0	0
Inservice Inspection						
Maintenance Personnel	0	3	0	0	3	0
Operating Personnel	0	0	0	0	0	0
Health Physics Personnel	0	0	0	0	0	0
Supervisory Personnel	0	0	0	0	0	0
Engineering Personnel	0	1/2	0	0	1	0
Special Maintenance						
Maintenance Personnel	3	75 1/2	39	11	195	91
Operating Personnel	2	0	0	2	0	0
Health Physics Personnel	0	0	14	0	0	18
Supervisory Personnel	1/2	0	3 1/2	3	0	13
Engineering Personnel	2	1 1/2	0	3	2	0

Note: All exposures are rounded off to the nearest rem, and that the number of personnel in each category is distributed to reflect the distribution of manpower between jobs. The "special maintenance" during 1977 was primarily the replacement of the reactor feedwater sparger and the repair to the feedwater nozzle.

POOR ORIGINAL

WORK AND JOB FUNCTION	Number of Personnel (>100 mrem)			Total Man-Rem		
	Station Emp.	Utility Employees	Contract Workers and Others	Station Emp.	Utility Employees	Contract Workers and Others
Construction		:				
Maintenance Personnel	0	212	394	0	524	774
Operating Personnel	0	0	0	0	0	0
Health Physics Personnel	1	3	29	2	2	37
Supervisory Personnel	0	13	6	0	25	10
Engineering Personnel	2	23	7	2	30	3
Waste Processing						
Maintenance Personnel	0	0	0	0	0	0
Operating Personnel	3	0	0	9	0	0
Health Physics Personnel	1/2	0	0	1	0	0
Supervisory Personnel	0	0	0	0	0	0
Engineering Personnel	0	0	0	0	0	0
Refueling						
Maintenance Personnel	0	0	0	0	0	0
Operating Personnel	8	0	0	25	0	0
Health Physics Personnel	0	0	0	0	0	0
Supervisory Personnel	1	0	0	2	0	0
Engineering Personnel	1	0	0	1	0	0
TOTAL						
Maintenance Personnel	20	293	437	44	728	866
Operating Personnel	28	0	0	52	0	0
Health Physics Personnel	3	3	43	7	2	55
Supervisory Personnel	10	13	16	9	25	25
Engineering Personnel	8	25	7	8	33	3
GRAND TOTAL	69	334	507	120	788	949

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181