

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

Calendar Year 1983

APPENDIX A

STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL AND MAN-REM BY WORK AND JOB FUNCTION

Work & Job Function	Number of Personnel (> 100 mrem)			Total Man-Rem		
	Station Employees	Utility Employees	Contract Workers and Others	Station Employees	Utility Employees	Contract Workers and Others
Reactor Operations & Surveillance						
Maintenance Personnel	12	12	92	.354	.415	.824
Operating Personnel	54	5	6	39.59	.732	1.654
Health Physics Personnel	5	5	47	.193	.053	4.198
Supervisory Personnel	14	0	10	.688	0	.14
Engineering Personnel	4	3	32	.061	.125	.322
Routine Maintenance						
Maintenance Personnel	89	53	226	24.75	18.965	318.115
Operating Personnel	28	9	17	.905	.105	.245
Health Physics Personnel	26	12	135	6.233	.64	10.348
Supervisory Personnel	13	0	152	.383	0	7.692
Engineering Personnel	20	8	155	.795	.257	6.133
Inservice Inspection						
Maintenance Personnel	22	13	314	.718	.64	16.588
Operating Personnel	25	5	3	1.096	.084	.085
Health Physics Personnel	23	8	15	6.456	.07	18.529
Supervisory Personnel	14	0	95	.578	0	2.599
Engineering Personnel	21	29	214	1.605	6.803	42.183
Special Maintenance						
Maintenance Personnel	29	31	773	4.57	7.085	579.131
Operating Personnel	4	2	2	.1	.028	.175
Health Physics Personnel	8	3	86	1.406	.109	21.513
Supervisory Personnel	3	0	39	.35	0	44.513
Engineering Personnel	11	1	44	.418	1.109	37.429
Waste Processing						
Maintenance Personnel	3	17	28	.02	.318	1.367
Operating Personnel	5	15	16	2.707	3.345	8.631
Health Physics Personnel	9	8	20	.126	.302	2.627
Supervisory Personnel	3	0	2	.163	0	.035
Engineering Personnel	0	11	11	0	.03	.249
Refueling						
Maintenance Personnel	11	9	230	.091	.48	42.734
Operating Personnel	39	0	0	1.379	0	0
Health Physics Personnel	25	0	17	.522	0	4.307
Supervisory Personnel	15	0	13	.249	0	4.383
Engineering Personnel	6	0	25	.085	0	4.128
TOTAL						
Maintenance Personnel	91	73	936	30.503	27.903	958.759
Operating Personnel	75	20	32	45.777	4.294	10.79
Health Physics Personnel	40	15	171	14.936	1.174	61.522
Supervisory Personnel	23	0	176	2.411	0	59.362
Engineering Personnel	31	27	252	2.964	8.324	90.444
Grand Total	265	135	1567	96.591	41.695	1180.877

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Attachment to Reg. Guide 1.16
Appendix A Table

Major contributors to the 1300 man-rem include:

Mark I Torus Mods	560 man-rem	43%
ISI	50 man-rem	4%

Iowa Electric Light and Power Company

January 30, 1984
DAEC-84-62

PRINCIPAL STAFF	
RA	DPRP
J/RA	DE
A/RA	DRMSB ✓
RC	DRMA
PAO	SCS
SEA	HL
FR	File ✓

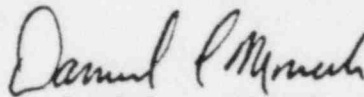
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Mr. James Keppler
Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Re: Duane Arnold Energy Center
Subject: 1983 Annual Exposure Report
File: NRC-7, A-108

Dear Mr. Keppler:

Please find enclosed one copy of the 1983 Annual Exposure Report for the Duane Arnold Energy Center. This report satisfies the requirements of Appendix A Technical Specification 6.11.1b (Appendix A to the Operation License DPR-49).



Daniel L. Mineck
Plant Superintendent - Nuclear

DM/KY/t

Attachment: 1983 Annual Exposure Report & Attachment to Appendix A

cc: R. McGaughy
P. Ward
K. Young
H. Giorgio
W. Miller
Records Control - 14

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