



Duane Arnold Energy Center
3277 DAEC Road
Palo, IA 52324-9785

Operated by Nuclear Management Company, LLC

February 15, 2001
NG-01-0206

REIRS Project Manager
Office of Nuclear Regulatory Research, USNRC
ATTN: Document Control Desk
Washington, DC 20555

SUBJECT: Duane Arnold Energy Center
Docket No: 50-331
Op. License No: DPR-49
2000 Annual Exposure Report

FILE: A-108, NRC-7a

Dear Sir:

Please find enclosed one (1) copy of the 2000 Exposure Report for the Duane Arnold Energy Center (DAEC). This report is based on estimates of TLD-corrected exposure recorded by Electronic Dosimeters (EDs). This report satisfies the requirements of Technical Specification 5.6.1.

If there are any questions or concerns, please contact David Miller at (319) 851-7529.

Sincerely,

Rob Anderson
Plant Manager - Nuclear

RA/DM/hc

Attachment: 2000 Annual Exposure Report (In Reg Guide 1.16 Format)

cc: D. Miller
B. Mozafari (NRR-NRC)
K. Peveler
James E. Dyer, Region III Administrator

G. VanMiddlesworth
NRC Resident Office
Licensing CTS Project
DOCU

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**USNRC ANNUAL REG GUIDE 1.16 REPORT for 2000
ALLIANT - IES UTILITIES INC. - NRC LICENSE DPR-49**

**P.O. BOX 351
CEDAR RAPIDS, IA 52406**

Reporting Year: 2000 WORK & JOB FUNCTION	NUMBER OF PERSONNEL (>100.0 mrem)			TOTAL PERSON-REM		
	Station Employees	Utility Employees	Contract Workers & Others	Station Employees	Utility Employees	Contract Workers & Others
Reactor Operations & Surveillance						
Maintenance Personnel	3	0	0	0.722	0.000	0.000
Operating Personnel	23	0	1	6.364	0.000	0.264
Health Physics Personnel	8	0	0	2.576	0.000	0.000
Supervisory Personnel	1	0	0	0.164	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
Routine Maintenance						
Maintenance Personnel	49	0	7	14.900	0.000	1.498
Operating Personnel	1	0	0	0.214	0.000	0.000
Health Physics Personnel	4	0	0	0.937	0.000	0.000
Supervisory Personnel	3	0	0	0.492	0.000	0.000
Engineering Personnel	5	0	0	0.746	0.000	0.000
Inservice Inspection						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	1	0	0	0.128	0.000	0.000
Special Maintenance -(RHR Valve Repair)						
Maintenance Personnel	10	0	4	2.178	0.000	0.541
Operating Personnel	1	0	0	0.128	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
Waste Processing						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	2	0	0	0.376	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
Refueling						
Maintenance Personnel	0	0	0	0.000	0.000	0.000
Operating Personnel	0	0	0	0.000	0.000	0.000
Health Physics Personnel	0	0	0	0.000	0.000	0.000
Supervisory Personnel	0	0	0	0.000	0.000	0.000
Engineering Personnel	0	0	0	0.000	0.000	0.000
Totals						
Maintenance Personnel	62	0	11	17.800	0.000	2.038
Operating Personnel	27	0	1	7.083	0.000	0.264
Health Physics Personnel	12	0	0	3.513	0.000	0.000
Supervisory Personnel	4	0	0	0.656	0.000	0.000
Engineering Personnel	6	0	0	0.868	0.000	0.000
Grand Totals	111	0	12	29.926	0.000	2.302

TOTAL SITE DOSE (by TLD) FOR 2000: 44.181 Person-Rem.

TOTAL DOSE for 2000 Reg. Guide 1.16 Report (by TLD): 32.228 Person-Rem