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CONTROL NO: 11534

FILE: Monthly Rpt File

FROM: Iowa Elec. Light & Power Co. Palo, Iowa G.G. Hunt			DATE OF DOC 11-8-74	DATE REC'D 11-11-74	LTR X	TWX	RPT	OTHER
TO: DL			ORIG 1 signed	CC	OTHER	SENT AEC PDR XX SENT LOCAL PDR XX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-331		

DESCRIPTION:

Ltr trans the following...

ENCLOSURES:

Monthly Report for OCTOBER 1974
Plant & Component Operability & Availability
This Report to be used in preparing Grey'
Book by Plans & Operations

ACKNOWLEDGED

No. of Cys Rec'd 1

Do Not Remove

PLANT NAME: Duane Arnold

FOR ACTION/INFORMATION

DHL 11-12-74

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INTERNAL DISTRIBUTION

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✓AEC PDR		GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBCURNE (L)	PLANS
GIAMBUSSO	PAWLICKI	SPANGLER	KREUTZER (E)	✓MCDONALD
BOYD	SHAO		LEE (L)	✓CHAPMAN
MOORE (L) (FWR)	STELLO	ENVIRO	MAIGRET (L)	DUBE w/input
DEYOUNG (L) (FWR)	HOUSTON	MULLER	REED (E)	E. COUPE
SKOVHOLT (L)	NOVAK	DICKER	SERVICE (L)	D. THOMPSON (2)
GOLLER (L)	ROSS	KNIGHTON	SHEPPARD (L)	KLECKER
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DENISE	TEDESCO	REGAN	SMITH (L)	
REG OPR	LONG	PROJECT LDR	✓TEETS (L)	
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1 - Newton Anderson	1-CONSULTANTS	Rm E-127 GT
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		GT

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA
DUANE ARNOLD ENERGY CENTER
PALO, IOWA

NOVEMBER 8, 1974
DAEC - 74 - 389

50-331

Regulatory

File Cy.

Office of Plans and Schedules
Directorate of Licensing
U. S. Atomic Energy Commission
Washington, D.C. 20545

SUBJECT: Monthly Plant and Component
Operability and Availability
Report

FILE: A-118d

Gentlemen:

In accordance with requirements as stated by your office,
please find enclosed the Monthly Plant and Component Operability
and Availability Report for October, 1974.

Yours very truly,

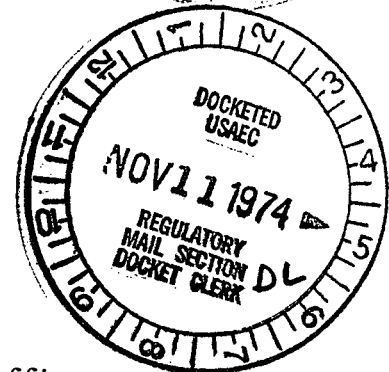
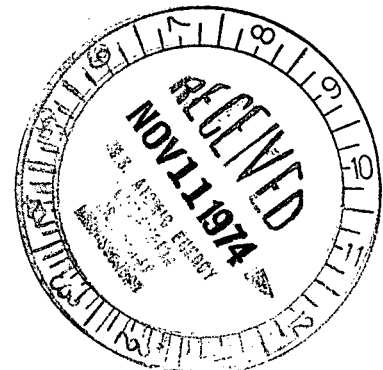


G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

GAE:GGH:bh
Enclosure

CC: C. W. Sandford
J. A. Wallace
E. L. Hammond
L. D. Root
D. L. Wilson
G. A. Engle
B. R. York
D. A. Moen
K. M. Haas
Dennis Murdock
George Toyne

Directorate of Regulatory Operations
U. S. Atomic Energy Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137



11534

DUANE ARNOLD ENERGY CENTER
OPERATING STATUS

Regulatory

File Cy.

Received w/ Lit Dated 11-8-74

Completed by G. A. Engle
Tel 319/851-5611

Date November 7, 1974

1. Reporting Period: 0001, 741001 to 2400, 741031 Gross Hours 744
2. Currently Authorized Power Level (MWt) 1658 MDC (MWe-Net) 515
3. Power Level to Which Restricted (if any): (MWe-Net) _____
4. Reasons for Restrictions (if any): _____

	This Month	Yr-to-Date	Cumulative To Date
5. No. Hours Reactor was Critical.....	711.1	3339.3	3339.3
6. Reactor Reserve Shutdown hours.....	0	0	0
7. Hours Generator On-Line.....	677	2508.8	2508.8
8. Unit Reserve Shutdown hours.....	0	0	0
9. Gross Thermal Energy Generated (MWH)..	900,192	2,737,296	2,737,296
10. Gross Electrical Energy Generated (MWH)	309,349	882,789	882,789
11. Net Electrical Engery Generated (MWH)..	290,617	817,347	817,347
12. Reactor Availability Factor.....	NA	NA	NA
13. Unit Availability Factor.....	NA	NA	NA
14. Unit Capacity Factor.....	NA	NA	NA
15. Unit Forced Outage Rate.....	NA	NA	NA
16. Shutdowns Scheduled to Begin in next 6 months (State Type, Date and Duration of each):			
17. If Shutdown at End of Report Period, Estimated Date of Startup: _____			
18. Plants in Test Status (Prior to Commercial Operation) Report the following:			

	DATE LAST FORECAST	DATE ACHIEVED
INITIAL CRITICALITY	_____	March, 1974
INITIAL ELEC PWR GENERATION	_____	May, 1974
COMMERCIAL OPERATION	Nov., 1974	_____

DUANE ARNOLD ENERGY CENTER

Unit Shutdowns/Reductions

Date: November 7, 1974Completed by: G. A. EngleReport Month: October, 1974

Summary:

Plant in Final Stages of
Preop/Startup Testing.

NO.	DATE	TYPE	DURATION	REASON	METHOD	COMMENTS
51	741001	F	0	B	NA	
52	741002	F	14.5	G	3	Connected test equipment to EHC System causing system circuit load and subsequent turbine trip.
53	741009	F	24.2	A	3	Loss of Instrument Air.
54	741015	F	0	G	NA	Recirc. pump trip while performing Surveillance Test.
55	741018	S	0	B	NA	
56	741019	F	15.2	H	3	Gen. Trip while closing Aux. transformer disconnects.
57	741024	F	0	A	NA	Steam Leak repair.
58	741025	F	13.1	A	NA	Steam Leak repair.

DUANE ARNOLD ENERGY CENTER
DAILY PLANT POWER OUTPUT

Date: November 7, 1974

Completed by: G. Engle

Report Month: October, 1974

<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>	<u>DAY</u>	<u>AVERAGE DAILY MWe-net</u>
1	<u>403</u>	21	<u>436</u>
2	<u>92</u>	22	<u>466</u>
3	<u>210</u>	23	<u>462</u>
4	<u>441</u>	24	<u>467</u>
5	<u>470</u>	25	<u>57</u>
6	<u>482</u>	26	<u>345</u>
7	<u>496</u>	27	<u>477</u>
8	<u>512</u>	28	<u>368</u>
9	<u>187</u>	29	<u>477</u>
10	<u>109</u>	30	<u>435</u>
11	<u>389</u>	31	<u>435</u>
12	<u>465</u>		
13	<u>506</u>		
14	<u>515</u>		
15	<u>508</u>		
16	<u>506</u>		
17	<u>515</u>		
18	<u>507</u>		
19	<u>174</u>		
20	<u>197</u>		