

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO:  
MR J G KEPPLER

FROM: IOWA ELECTRIC LIGHT & PWR CO  
CEDAR RAPIDS, IOWA  
G G HUNT

DATE OF DOCUMENT  
1-22-76

DATE RECEIVED  
2-5-76

LETTER  
 ORIGINAL  
 COPY

NOTORIZED  
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED  
34

DESCRIPTION

LTR, RE THEIR LTR 12-23-74.....

PLANT NAME: DUANE ARNOLD

ENCLOSURE

APPENDIX D TO THE DAEC STARTUP TESTING REPORT FOR PERIOD 10-1-75 THRU 12-31-75....

(34 CYC OF ENCL REC'D)

**ACKNOWLEDGED**

**DO NOT REMOVE**

SAFETY FOR ACTION/INFORMATION ENVIRO 2-12-76 RB

ASSIGNED AD :		ASSIGNED AD :
BRANCH CHIEF : (6)	LEAR	BRANCH CHIEF :
PROJECT MANAGER:		PROJECT MANAGER :
LIC. ASST. : (16)	PARRISH	LIC. ASST. :

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	ENVIRO TECH
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ERNST
<input checked="" type="checkbox"/> I & E 2	SCHROEDER	BENAROYA	BALLARD
<input checked="" type="checkbox"/> OELD		LAINAS	SPANGLER
<input checked="" type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	
MIPC	MACCARY		SITE TECH
CASE	KNIGHT	OPERATING REACTORS	GAMMILL
HANAUER	SIHWEIL	STELLO	STEPP
HARLESS	PAWLICKI		HULMAN
		OPERATING TECH	
PROJECT MANAGEMENT	REACTOR SAFETY	<input checked="" type="checkbox"/> EISENHUT	SITE ANALYSIS
BOYD	ROSS	<input checked="" type="checkbox"/> SHAO	VOLLMER
P. COLLINS	NOVAK	<input checked="" type="checkbox"/> BAER	BUNCH
HOUSTON	ROSZTOCZY	<input checked="" type="checkbox"/> SCHWENCER	J. COLLINS
PETERSON	CHECK	<input checked="" type="checkbox"/> GRIMES	KREGER
MELTZ			
HELTEMES	AT & I		
SKOVHOLT	SALTZMAN	SITE SAFETY & ENVIRO	
	RUTBERG	ANALYSIS	
		DENTON & MULLER	

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LPDR: CEDAR RAPIDS, IO	NATL LAB	BROOKHAVEN NATL LAB
<input checked="" type="checkbox"/> TIC	REG. V-IE	ULRIKSON(ORNL)
<input checked="" type="checkbox"/> NSIC	LA PDR	
<input checked="" type="checkbox"/> ASLB	CONSULTANTS	
<input checked="" type="checkbox"/> ACRS HOLDING SENT		

CONTROL NUMBER

1121

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406

January 22, 1976  
DAEC-76-17

## Regulatory Docket File



Mr. James G. Keppler  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

SUBJECT: DAEC Startup Testing Report.

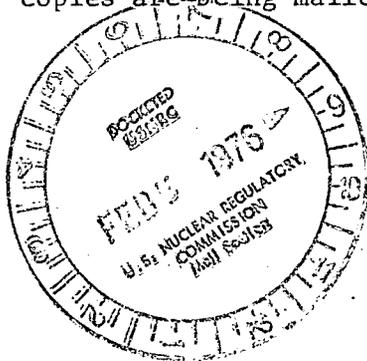
20-331

REFERENCE: 1) Letter from G. G. Hunt to J. G. Keppler  
dated 12-23-74

FILE: A 289h

Dear Mr. Keppler:

In accord with Technical Specification 6.11.1, please find enclosed one (1) copy of Appendix D to the DAEC Startup Testing Report. This appendix is submitted to report testing completed between 10/1/75 and 12/31/75. An additional 39 copies are being mailed under separate cover.



Sincerely,

G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center

GCH/RH/ah

cc: J. A. Wallace            R. R. Rinderman  
E. L. Hammond            D. L. Wilson  
R. L. Hannen              L. Liu  
B. R. York                 L. D. Root  
J. H. Gebert               H. W. Rehrauer  
J. V. Vinqvist

1121

APPENDIX D

DAEC STARTUP TEST RESULTS

DUANE ARNOLD ENERGY CENTER

Unit 1

January 22, 1976

Prepared by *[Signature]* Date 1/23/76

Approved by *[Signature]* Date 1/23/76  
Reactor and Plant Performance  
Engineer

Approved by *[Signature]* Date 1/23/76  
Assistant Chief Engineer

Approved by *[Signature]* Date 1-26-76  
Chief Engineer

1.0 INTRODUCTION

This appendix supplements the Startup Testing Report submitted to the USAEC on December 23, 1974 by summarizing testing completed between 10/1/75 and 12/31/75.

In addition to the testing summarized by this appendix, additional testing to obtain data on the HPCI (STI-15) steamline elbow tap PDIS setpoints was performed in the reporting period. Engineering evaluation of this data is not complete and the report on this testing is being deferred.

2.0 SUMMARY OF TEST RESULTS RELATIVE TO ORIGINAL STARTUP TESTING PROGRAM

2.4.14 As reported on December 31, 1974, the revised settings of the trip points on the RCIC steamline flow PDIS instruments required verification by supplemental testing.

This supplemental testing has been performed at different main-steam line flow points. The resulting data confirmed the current settings of 110 inches of H<sub>2</sub>O as acceptable setpoints.

3.0 SUMMARY OF RESULTS OF MONITORING PROGRAM FOR LPRM STRINGS.

Semimonthly reviews of tip trace data has revealed no discernable increase in noise content.

General Electric has not reported any increase in noise on the recordings of accelerometer outputs.