

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9107110107    DOC.DATE: 91/06/28    NOTARIZED: YES    DOCKET #  
 FACIL: 50-331 Duane Arnold Energy Center; Iowa Electric Light & Pow    05000331  
 AUTH.NAME                      AUTHOR AFFILIATION  
 MINECK, D.L.                    Iowa Electric Light & Power Co.  
 RECIP.NAME                      RECIPIENT AFFILIATION  
 MURLEY, T.E.                    Office of Nuclear Reactor Regulation, Director (Post 870411)

SUBJECT: Application for amend to License DPR-49, consisting of  
 Request for OL Amend RTS-240, removing essential svc water  
 flow requirement & updating FSAR Table 9.2-1 to reflect  
 newly established flow requirements.

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Iowa Electric Light and Power Company

June 28, 1991

NG-91-1366

Dr. Thomas E. Murley, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Re: Duane Arnold Energy Center  
Subject: Docket No. 50-331  
Op. License No. DPR-49  
Request for Operating License Amendment (RTS-240)  
"Removal of ESW Flow Requirement 4.8.C.1"  
File: A-117

Dear Dr. Murley:

In accordance with the Code of Federal Regulations, Title 10, Sections 50.59 and 50.90, Iowa Electric Light and Power Company hereby requests revision of Operating License DPR-49 for the Duane Arnold Energy Center (DAEC).

The proposed change will modify the surveillance testing of the ESW flow rate by specifying a certain rate (800 gpm) and total developed head (170 ft) which must be delivered and by deleting the requirement to test each week when river water temperature exceeds 80°F. The curve previously used to determine the minimum acceptable rate will be removed from the DAEC Technical Specifications (TS). A calculation recently performed on the ESW system revealed that the individual component flow requirements presently listed in the DAEC FSAR Table 9.2-1 are overly conservative. FSAR Table 9.2-1 is being updated to reflect the newly established flow requirements and the revised Table will be included in the next FSAR update filed with the NRC.

This application has been reviewed by the DAEC Operations Committee and the DAEC Safety Committee. Pursuant to the requirements of 10 CFR 50.91, a copy of this submittal, including the no significant hazards consideration analysis, is being forwarded to our appointed state official.

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PDR ADOCK 05000331  
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General Office • P.O. Box 351 • Cedar Rapids, Iowa 52406 • 319/398-4411

*Adol*  
1/1

Dr. Thomas E. Murley  
June 28, 1991  
NG-91-1366  
Page 2

This letter is true and accurate to the best of my knowledge and belief.

IOWA ELECTRIC LIGHT AND POWER COMPANY

By *Daniel L. Mineck*  
DANIEL L. MINECK  
Manager, Nuclear Division

State of Iowa  
County of Linn

Signed and sworn to before me on this *28<sup>th</sup>* day of *June*, 1991  
by *Daniel L. Mineck*

*Kathleen M. Furman*  
Notary Public in and for the State of Iowa

*September 28, 1992*  
Commission Expires

DLM/GTK/cfs

- Attachments: 1. Proposed Change RTS-240 to the Duane Arnold Energy Center Technical Specifications.  
2. Evaluation of change with respect to 10 CFR 50.92.

- cc: G. Kaegi  
L. Liu  
L. Root  
R. McGaughy  
NRC Resident Office  
J. Eure (State of Iowa)  
C. Shiraki (NRC-NRR)  
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PROPOSED CHANGE RTS-240 TO THE DUANE  
ARNOLD ENERGY CENTER TECHNICAL SPECIFICATIONS

The holders of license DPR-49 for the Duane Arnold Energy Center propose to amend Appendix A (Technical Specifications) to said license by deleting current pages and replacing them with the attached, new pages. The List of Affected Pages is given below.

List of Affected Pages

vii  
3.8-6  
3.8-6a  
3.8-14

Summary of Changes:

The following list of proposed changes is in the order that the changes appear in the Technical Specifications.

Page	Description of Change
vii	Remove Figure 4.8.C-1 from Technical Specifications List of Figures.
3.8-6	Revise the requirements of the flow rate test to remove a required flow that is determined from Figure 4.8.6-1 and replace with a flow and total developed head requirement. Remove the requirement for weekly testing for river temperatures in excess of 80°F.
3.8-6a	Delete this page.
3.8-14	Add information to the bases to describe the development of the 800 gpm requirement.