

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

TO: Mr. Benard C. Rusche

FROM: Iowa Elect Light & Power Co.
Cedar Rapids, Iowa
Lee Liu

DATE OF DOCUMENT

04-14-77

DATE RECEIVED

04-19-77

☒ LETTER
☒ ORIGINAL
☐ COPY☒ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

3 ~~0~~ SIGNED

DESCRIPTION

Ltr. Notorized 04-14-77...Trans The
Following:

(1 page)

ENCLOSURE

Consists of Application for Amendment
for DPR-49 (Appendix A to License) change to
Tech Specs concerning, Deleting Head Spray
System Snubbers DBA-5-SS-31, DBA-5-SS-37,
DBA-5-SS-38 and DBA-5-SS-47.....

(2 pages)

DO NOT REMOVE

PLANT NAME:

DUANE ARNOLD

JCM

ACKNOWLEDGED

40 encl.

SAFETY

FOR ACTION/INFORMATION

ENVIRO

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST. :

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST. :

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I & E

OELD

GOSSICK & STAFF

MIPC

CASE

HANAUER

HARLESS

PROJECT MANAGEMENT

BOYD

P. COLLINS

HOUSTON

PETERSON

MELTZ

HELTEMES

SKOVHOLT

SYSTEMS SAFETY

HEINEMAN

SCHROEDER

ENGINEERING

MACARRY

BOSNAK

SIHWEIL

PAWLICKI

REACTOR SAFETY

ROSS

NOVAK

ROSZTOCZY

CHECK

AT & I

SALTZMAN

RUTBERG

PLANT SYSTEMS

TEDESCO

BENAROYA

LATNAS

IPPOLITO

KIRKWOOD

OPERATING REACTORS

STELLO

OPERATING TECH.

EISENHUT

SHAO

BAER

BUTLER

GRIMES

SITE SAFETY &

ENVIRO ANALYSIS

DENTON & MULLER

ENVIRO TECH.

ERNST

BALLARD

SPANGLER

SITE TECH.

GAMMILL

STAPP

HULMAN

SITE ANALYSIS

VOLLMER

BUNCH

J. COLLINS

KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: CEDAR RAPIDS

TIC:

NSIC:

ASLB:

ACRS / 6 CYS HOLDING/SENT

NAT. LAB:

REG V. IE

LA PDR

CONSULTANTS:

AS PAT. B

BROOKHAVEN NAT. LAB.

ULRIKSON (ORNL)

771110002

AP 2
60

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

April 14, 1977

IE-77-759

LEE LIU

VICE PRESIDENT - ENGINEERING

REGULATORY DOCKET FILE COPY



Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20545

Dear Mr. Rusche:


Transmitted herewith in accordance with the requirements of 10CFR50.59 and 50.90 is an application for amendment for DPR-49 (Appendix A to License) for the Duane Arnold Energy Center.

This application consisting of proposed Technical Specification Change RTS-84 has been reviewed and approved by the DAEC Operations Committee and the DAEC Safety Committee. This application does not involve a significant hazards consideration.

Three signed and notarized originals and 37 additional copies of this application are transmitted herewith. This application, consisting of the foregoing letter and enclosures hereto, is true and accurate to the best of my knowledge and belief.

Iowa Electric Light and Power Company

By


Lee Liu

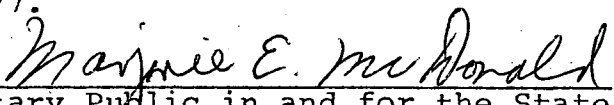
Vice President-Engineering

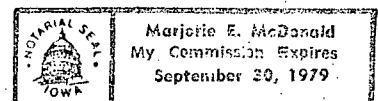
LL/OCS/D

Enc.

cc: K. Meyer
D. Arnold
R. Lowenstein
J. Keppler (NRC)
L. Root
File A-117

Subscribed and Sworn to before me
on this 14th day of April,
1977.


Notary Public in and for the State
of Iowa.



77110002

PROPOSED CHANGE RTS-84 TO DAEC TECHNICAL SPECIFICATIONS

I. Affected Technical Specifications

Appendix A of the Technical Specifications for the DAEC (DPR-49) provides as follows:

Table 4.6-4, "Snubbers Inaccessible During Normal Operation", identifies hydraulic snubbers which are in high radiation areas during normal reactor operation.

II. Proposed Changes in Technical Specifications

The licensees of DPR-49 propose the following changes in the Technical Specifications set forth in I above:

Delete Head Spray System Snubbers DBA-5-SS-31, DBA-5-SS-37, DBA-5-SS-38 and DBA-5-SS-47.

III. Justification for Proposed Change

The subject hydraulic snubbers are located in an environment where the operational integrity of the hydraulic snubbers cannot be guaranteed. It is proposed to replace the four hydraulic snubbers with four Pacific-Scientific Mechanical Snubbers, Model Number PS-1. The mechanical snubber's ability to arrest the acceleration of pipe movement is equivalent to that of the hydraulic snubber. Design calculations show that the Head Spray System seismic force developed can be attenuated by the subject mechanical snubbers.

IV. Review Procedure

This proposed change has been reviewed by the DAEC Operations Committee and Safety Committee which have found that this proposed change does not involve a significant hazards consideration.

TABLE 4.6-4

SNUBBERS INACCESSIBLE DURING NORMAL OPERATION

<u>Identification No.</u>	<u>System</u>	<u>Location</u>	<u>Vendor Dwg. No.</u>
DLA-5-SS-10	RHR	Drywell	6010A/1
DLA-5-SS-11	RHR	Drywell	6011
DLA-6-SS-12	RHR	Drywell	6012
DLA-6-SS-13	RHR	Drywell	6013
DLA-4-SS-14	RHR	Drywell	6014
DLA-4-SS-15	RHR	Drywell	6015
DBA-4-SS-35	RCIC	Drywell	6035
DBA-4-SS-36	RCIC	Drywell	6036
DLA-3-SS-1	HPCI Steam Supply	Drywell	6001
DLA-3-SS-2	HPCI Steam Supply	Drywell	6002
DLA-3-SS-3	HPCI Steam Supply	Drywell	6003
DBA-6-SS-29	CRD	Drywell	6029
DBA-6-SS-30	CRD	Drywell	6030
DCA-6-SS-48	RWCU	Drywell	6048
DCA-6-SS-49	RWCU	Drywell	6049
DCA-6-SS-50	RWCU	Drywell	6050
DBA-4-SS-34	RCIC Steam Supply	Drywell	6034
<hr/>			
DLA-2-SS-4	RHR	Drywell	6004
DLA-2-SS-5	RHR	Drywell	6005
DLA-2-SS-6	RHR	Drywell	6006
DLA-2-SS-7	RHR	Drywell	6007
DLA-2-SS-8	RHR	Drywell	6008
DLA-2-SS-9	RHR	Drywell	6009
DBA-7-SS-71	RCIC to FW Line	Reactor	8516
DCA-14-SS-72	RWCU to FW Line	Reactor	8517
GBC-6-SS-16	Main Stm. Relief Valve Discharge	Drywell	6016
GBC-6-SS-17	" " "	Drywell	6017
GBC-7-SS-18	" " "	Drywell	6018
GBC-7-SS-19	" " "	Drywell	6019
GBC-8-SS-20	" " "	Drywell	6020
GBC-8-SS-21	" " "	Drywell	6021
GBC-8-SS-44	" " "	Drywell	6044
GBC-8-SS-45	" " "	Drywell	6045
GBC-8-SS-46	" " "	Drywell	6046
GBC-9-SS-22	" " "	Drywell	6022
GBC-9-SS-23	" " "	Drywell	6023
GBC-9-SS-41	" " "	Drywell	6041
GBC-9-SS-42 (2 ea.)	" " "	Drywell	6042

(2 ea.) - Indicates there are 2 snubbers with that number.