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 FACIL: 50-331 Duane Arnold Energy Center, Iowa Electric Light & Pow 05000331
 AUTH. NAME AUTHOR AFFILIATION
 ROOT, L. D. Iowa Electric Light & Power Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation

SUBJECT: Responds to 800102 show cause order re NUREG-0578 requirements. Items 2.1.3.a & 2.1.4 will not be met until 790209 refueling shutdown, due to equipment unavailability.

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 TITLE: Resp to Lesson Learn Task Force - General Electric

NOTES: APP: H. Denton L E

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	22 REAC SFTY BR	1	1	23 PLANT SYS BR	1	1
	24 EEB	1	1	25 EFLT TRT SYS	1	1
	3 LPDR	1	1	4 NSIC	1	1
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JAN 30 1980

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GP
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Iowa Electric Light and Power Company

January 22, 1980
LDR-80-30

LARRY D. ROOT
ASSISTANT VICE PRESIDENT
NUCLEAR GENERATION

Mr. Harold Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

This letter is our response to your Show Cause Order dated January 2, 1980. As required by the Show Cause Order, Iowa Electric Light and Power Company will meet the requirements of NUREG-0578 at the Duane Arnold Energy Center as described in our January 3, 1980 submittal, by January 31, 1980 except for items 2.1.3.a (Direct Indication of Power Operated Relief Valves and Safety Valves) and 2.1.4 (Containment Isolation). The requirements of items 2.1.3.a and 2.1.4 cannot yet be met because of equipment unavailability. The enclosure shows the status of equipment delivery relative to the two items. These requirements will be met during the next refueling shutdown which is now estimated to begin February 9, 1980 and will be completed prior to resumption of plant operation. Resumption of plant operation is estimated to occur during the period of April 10, 1980 to May 1, 1980.

Three signed and 37 additional copies of this submittal are transmitted herewith. This submittal consisting of the foregoing letter and enclosure hereto is true and accurate to the best of my knowledge and belief.

IOWA ELECTRIC LIGHT AND POWER COMPANY

By: Philip Dillard FOR
Larry D. Root
Assistant Vice President
Nuclear Generation

LDR/RFS/mz

cc: R. Salmon
D. Arnold
S. Tuthill
L. Liu D. Wilson
K. Meyer T. Kevern (NRC)
D. Mineck File: A-107b, A-22a

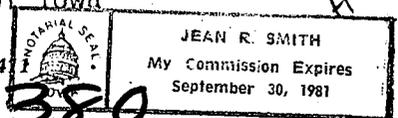
Subscribed and Sworn To Before Me On This 22nd Day of January,
19 80.

Jean R. Smith
Notary Public In and For the
State of Iowa

A040
AS
3/3
ADD:
H. DENTON

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8001290 380



LESSONS LEARNED
EQUIPMENT AVAILABILITY

Lessons Learned Topic Number: 2.1.3.a
Title: Direct Indication of PORV's and SV's
Plant: Duane Arnold Energy Center
Equipment Description: Pressure Switches
Manufacturer: Pressure Controls, Inc.
Address: Belleville, NJ
Telephone #: 201-751-5003 - P. Emmarlo
Equipment Order Date: 11/20/79
Purchase Order Number of Other Identification: 32576
Estimated Delivery Date: 2/8/80
Basis for Delivery Date: Expedited by Bechtel
Proposed Installation Date: During Spring 1980 Refueling
Basis for Proposed Date: The schedule for delivery of all switches needed to meet requirements of Item 2.1.3.a was affected by: 1) the need for General Electric to divert and replace two switches for qualification program, and 2) the need for additional switches to be purchased to monitor safety valve positions.
Time to Install this Equipment: 3 weeks
Shutdown Required (?): Yes
Expected Duration of Shutdown: 9 weeks
Estimated Down Date: 2/9/80
Estimated Restart Date: 4/10/80 to 5/1/80
Other Planned Activities During Shutdown: Refuel, Modifications

LESSONS LEARNED

EQUIPMENT AVAILABILITY

Lessons Learned Topic Number: 2.1.3.a

Title: Direct Indication of PORV's and SV's

Plant: Duane Arnold Energy Center

Equipment Description: Angle Valves

Manufacturer: Hex Engineering

Address: Anaheim, CA

Telephone #: 714-870-7474

Equipment Order Date: 12/20/79

Purchase Order Number or Other Identification: 32863

Estimated Delivery Date: 2/29/80

Basis for Delivery Date: Expedited by Bechtel

Proposed Installation Date: During Spring 1980 Refueling

Basis For Proposed Date: The delivery schedule of this equipment did not originally limit implementation of this item, however, addition of the valves required for safety valve position switches extended the delivery date to February 29, 1980.

Time to Install this Equipment: 3 weeks

Shutdown Required (?): Yes

Expected Duration of Shutdown: 9 weeks

Estimated Date Down: 2/9/80

Estimated Restart Date: 4/10/80 to 5/1/80

Other Planned Activities During Shutdown: Refuel, Modifications

LESSONS LEARNED
EQUIPMENT AVAILABILITY

Lessons Learned Topic Number: 2.1.3.a
Title: Direct Indication of PORV's and SV's
Plant: Duane Arnold Energy Center
Equipment Description: Pitot tube drawings and installation instructions
Manufacturer: General Electric
Address: San Jose, CA
Telephone #: 408-925-6453 - Ken Johnson
Equipment Order Date: 12/31/79
Purchase Order Number or Other Identification: 33856
Estimated Delivery Date: 2/15/80
Basis for Delivery Date: Expedited by General Electric
Proposed Installation Date: During Spring 1980 Refueling
Basis for Proposed Date: The differences between the NRC and the GE BWR Owner's Group did not become resolved until mid-December, therefore, delivery of implementation design details cannot be made until February 15, 1980
Time to Install This Equipment: 3 weeks
Shutdown Required(?): Yes
Expected Duration of Shutdown: 9 weeks
Estimated Down Time: 2/9/80
Estimated Restart Date: 4/10/80 to 5/1/80
Other Planned Activities During Shutdown: Refuel, Modifications

LESSONS LEARNED

EQUIPMENT AVAILABILITY

Lessons Learned Topic Number:	2.1.4
Title:	Containment Isolation
Plant:	Duane Arnold Energy Center
Equipment Description:	Various electrical equipment, (switches, relays, etc.)
Manufacturer:	General Electric
Address:	San Jose, CA
Telephone #:	408-925-1266 - Gail Ross
Equipment Order Date:	12/31/79
Purchase Order Number of Other Identification:	33858
Estimated Delivery Date:	2/27/80
Basis for Delivery Date:	Expedited by General Electric
Proposed Installation Date:	During Spring 1980 Refueling
Basis for Proposed Date:	The initial assessment of the con- tainment isolation problems indi- cated that the concern was not valid at the Duane Arnold Energy Center, however, detailed evalu- ations by General Electric (generic) and Bechtel (DAEC unique) which were completed in mid-December showed that there were some valid concerns. As a result, switching and relay hardware could not be ordered until late December.
Time to Install this Equipment:	3 weeks
Shutdown Required (?):	No
Expected Duration of Shutdown:	N/A
Estimated Date Down:	----
Estimated Restart Date:	----
Other Planned Activities During Shutdown:	----