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FILE: _____

FROM: Iowa Electric Light And Power Co. Cedar Rapids, Iowa Lee Liu			DATE OF DOC 10-1-75	DATE REC'D 10-6-75	LTR xxx	TWX	RPT	OTHER
TO: Mr. George Lear			ORIG 3-signed	CC 37	OTHER	SENT NRC PDR xxx SENT LOCAL PDR xxx		
CLASS	UNCLASS xxxx	PROP INFO	INPUT	NO CYS REC'D 40		DOCKET NO: 50-331		

DESCRIPTION:

Ltr re our 2-15-75 and 4-17-75 ltrs requesting that the Short-Term Program Final Report NEDC-20989 be made an official part of their Docket No. 331

ENCLOSURES:

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: **Duane Arnold**

FOR ACTION/INFORMATION 10-6-75 JGB

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to L.A.

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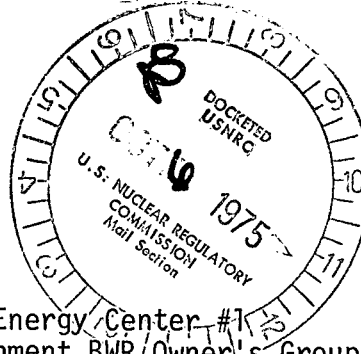
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October 1, 1975
IE-75-1067

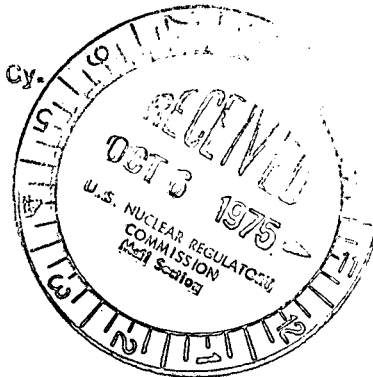
LEE LIU
VICE PRESIDENT - ENGINEERING

50 - 331

Mr. George Lear, Chief
Operating Reactors Branch 3
Division of Reactor Licensing
Nuclear Regulatory Commission
Washington, D. C. 20555



File Cy.



Re: Duane Arnold Energy Center #1
Subject: Mark I Containment BWR Owner's Group
Short-Term Program Final Report
Reference: 1) Your letter to Duane Arnold, dated 2/15/75,
requesting data on steam vent clearing
phenomenon, and steam quenching vibration
phenomenon
2) Your letter to Duane Arnold, dated 4/17/75,
requesting additional information on primary
containment design data
3) Iowa Electric letter IE-75-544, dated 5/9/75,
describing planned actions of the Mark I
Containment BWR Owner's Group
4) Iowa Electric letter IE-75-873, dated 7/31/75,
describing planned actions of the Mark I
Containment BWR Owner's Group
5) General Electric letter from Ivan Stuart to
R. L. Tedesco, dated 6/13/75, concerning
Mark I Containment Short-Term Program Description
6) General Electric letter from G. L. Gyorey to
R. R. MacCary, dated 6/26/75, concerning Mark I
Containment load predictions
File: A-110, T-23

Dear Mr. Lear:

The purpose of this letter is to transmit the subject Short-Term Program Final Report. This report has been developed in response to your requests that we conduct an evaluation of the Duane Arnold Energy Center Mark I Containment. Your requests are documented in your February 15, 1975 and April 17, 1975 letters (references 1 and 2).

10583

Mr. George Lear

IE-75-1067

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We have previously responded to you with our letters of May 9, 1975 and July 31, 1975 (references 3 and 4) in which we described the action planned to address your relief valve and loss of coolant accident load concerns. Subsequent to that, and on our behalf, General Electric transmitted to your Mr. Tedesco a summary of the Short-Term Containment Program. This summary is documented in Mr. I. F. Stuart's letter of June 13, 1975 (reference 5). In addition, General Electric's reference plant analysis was discussed with you on April 10, 1975 and was further documented and updated by General Electric's June 26, 1975 letter to your Mr. R. MacCary (reference 6).

General Electric is submitting, under separate cover, the Short-Term Program Final Report NEDC-20989, Volumes I, II, III, IV and V. The objective of the Short-Term Program was to confirm that the loss of coolant accident would not result in a loss of containment function given the most probable course of events. Based on our review of the information presented in the above documents, we have concluded that this report is applicable to the Duane Arnold Energy Center. Considering the satisfactory results of the Short-Term Program, we believe that the Duane Arnold Energy Center can continue to operate during the Long-Term Program without danger to the health and safety of the public.

As indicated in the General Electric transmittal of the Short-Term Program Final Report NEDC-20989, an amendment will be submitted in the latter part of October or early November 1975, covering torus exterior support columns and safety relief valve lines in the torus. Therefore, our conclusion, is based on a review of the Final Report without the amendment, although no significant changes are anticipated in the conclusion as a result of the amendment. We hereby request that the subject Short-Term Program Final Report NEDC-20989 be made an official part of our Docket No. 50-331.

Three signed and notarized originals and thirty-seven copies of this letter are transmitted herewith. This letter is true and accurate to the best of my knowledge and belief.

Iowa Electric Light and Power Company

By Lee Liu
Lee Liu
Vice President, Engineering

LL/LDR/lf
encl.

cc: D. Arnold
J. Newman
W. Paulson (2)

Sworn and Subscribed to before me on
this 2nd day of October, 1975.

Georgia F. Marlowe
Notary Public in and for the State
of Iowa Georgia F. Marlowe
NOTARY PUBLIC
State of Iowa
Commission Expires
September 30, 1976