

**NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 6950

FILE: _____

FROM: Iowa Elec. Light & Pwr. Co. Cedar Rapids, Iowa C.W. Sandford			DATE OF DOC 6-25-75	DATE REC'D 6-30-75	LTR XX	TWX	RPT	OTHER
TO: Mr. B. C. Rusche			ORIG 1 signed	CC	OTHER	SENT NRC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-331		

DESCRIPTION: Ltr re our 5-21-75 ltr...
furnishing addl info re Amdt to OL & requesting
that NRC approve operations of the Duane
Arnold Plant at core power levels consistent
with the aforementioned safety analysis
until the next normal refueling....

ENCLOSURES:

Do Not Remove

ACKNOWLEDGED

PLANT NAME: Duane Arnold

FOR ACTION/INFORMATION

DHL 6-30-75

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/ Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPIES W/ Copies
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	LPM W/ Copies

INTERNAL DISTRIBUTION

REG FILE NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MIPC	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR BEVAN HARLESS	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. MAIGRET (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L) M. DUNCAN	A/T IND. BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN BOUBE E. Hughes E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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EXTERNAL DISTRIBUTION

✓ LOCAL PDR Cedar Rapids, Iowa.	✓ TIC (ABERNATHY) (1)(2)(10)	✓ NATIONAL LABS _____	1 - PDR-SAN/LA/NY
✓ NSIC (BUCHANAN)	1 - ASLB	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - Newton Anderson	1 - ACRS HOLDING SENT To L.A.	1 - CONSULTANTS	1 - G. ULRIKSON ORNL
		NEWMARK/BLUME/AGBABIAN	

RM

IOWA ELECTRIC LIGHT AND POWER COMPANY

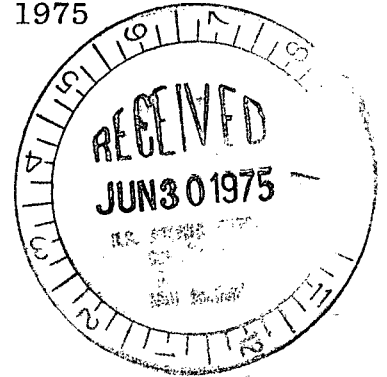
General Office
CEDAR RAPIDS, IOWA

50-331

CHARLES W. SANDFORD
EXECUTIVE VICE PRESIDENT

June 25, 1975

Regulatory Docket File



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

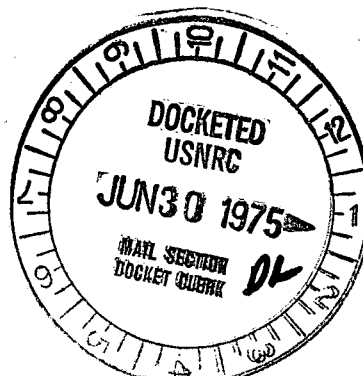
Dear Mr. Rusche:

On May 21, 1975, the Nuclear Regulatory Commission (NRC) issued an Order for Modification of License that amended facility operating license DPR-49 by adding the following provision:

"By reason of the circumstances outlined in the Order for Modification of License, dated May 21, 1975, the licensees shall not operate the facility at core power levels exceeding 50% of rated power or core flow rates exceeding 50% of design flow rate without prior written approval of the Director, Office of Nuclear Reactor Regulation."

The order was based upon the appearance of certain anomalous readings from the traversing in-core probes. Since that time, by letter dated June 2, 1975, you approved the conduct of a test program to obtain measurements of changes in neutron flux as a function of power and flow for a period not to exceed seventy-two (72) hours.

By letter dated June 6, 1975, we filed information with respect to the test authorized in your letter of June 2, 1975, and information concerning the design of the core by-pass flow hole plug mechanical design. On June 10, 1975, we filed a safety analysis with by-pass flow holes plugged. Authorization to plug the by-pass flow holes was requested in our letter of June 13, 1975 and authorized in your Order dated June 18, 1975.



6950

Mr. B. Rusche

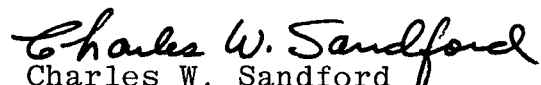
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June 25, 1975

Pursuant to Paragraph III of the Order of Modification of License dated June 18, 1975, we request that you approve operation of the Duane Arnold Energy Center at core power levels consistent with the aforementioned safety analysis until the next normal refueling of the Duane Arnold Energy Center. We are presently scheduling the next refueling for the end of the first quarter of 1976.

During the period prior to our next scheduled refueling, we will be conducting programs with the General Electric Company to develop a more permanent method of preventing vibration in the in-core instruments which would provide a basis for your permitting us to return the plant to 100% rated power. In the interim, operation with flow holes plugged will not involve undue risk to public health and safety, because these limits, with the plugging of the by-pass flow holes, will (as previously demonstrated in other plants) provide assurance that undesirable vibration will not occur. We will continue monitoring of the in-core instrumentation during this period of operation to confirm the absence of anomalous readings and will report to you if any anomalous readings occur.

Very truly yours,


Charles W. Sandford
Executive Vice President

CWS:D
cc: D. Arnold
R. Lowenstein