

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 8885

FILE:

| | | | | | | | |
|--|-----------------------|-------------------------------|------------------------------|--------------------------|--|------------|--------------|
| FROM: Iowa Electric Light & Power Co Cedar Rapids, IA GGHunt | | DATE OF DOC 8-21-74 | DATE REC'D 8-28-74 | LTR X | TWX | RPT | OTHER |
| TO: James G. Keppler | | ORIG 1 signed | CC | OTHER | SENT AEC PDR XXX SENT LOCAL PDR XXX | | |
| CLASS | UNCLASS XXX | PROP INFO | INPUT | NO CYS REC'D 1 | DOCKET NO: 50-331 | | |

DESCRIPTION:

Ltr trans the following.....

ENCLOSURES:

Abnormal occurrence #AO 50-331/74-31 of
8-14-74 re unidentified coolant leakage....

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: DUANE ARNOLD

(1 cy encl rec'd)

FOR ACTION/INFORMATION 8-28-74 GMC

| | | | |
|------------|---------------|----------------|-----------|
| BUTLER (L) | SCHWENCER (L) | ZIEMANN (L) | REGAN (E) |
| W/ CYS | W/ CYS | W/ CYS | W/ CYS |
| CLARK (L) | STOLZ (L) | DICKER (E) | ✓LEAR |
| W/ CYS | W/ CYS | W/ CYS | W/4 CYS |
| PAPER (L) | VASSALLO (L) | KNIGHTON (E) | |
| W/ CYS | W/ CYS | W/ CYS | W/ CYS |
| KNIEL (L) | PURPLE (L) | YOUNGBLOOD (E) | |
| W/ CYS | W/ CYS | W/ CYS | W/ CYS |

INTERNAL DISTRIBUTION

| | | | | |
|---------------------|-------------|-------------|----------------|------------------|
| ✓REG FILE | TECH REVIEW | DENTON | LIC ASST | A/T IND |
| ✓AEC PDR | | GRIMES | DIGGS (L) | BRAITMAN |
| ✓OGC | ✓SCHROEDER | GAMMILL | GEARIN (L) | SALTZMAN |
| ✓MUNTZING/STAFF | ✓MACCARY | KASTNER | GOULBOURNE (L) | B. HURT |
| ✓CASE | ✓KNIGHT | BALLARD | KREUTZER (E) | |
| GIAMBUSSO | ✓PAWLICKI | SPANGLER | LEE (L) | <u>PLANS</u> |
| BOYD | ✓SHAO | | MAIGRET (L) | MCDONALD |
| MOORE (L)(LWR-2) | ✓STELLO | ENVIRO | REED (E) | CHAPMAN |
| ✓DEYOUNG (L)(LWR-1) | ✓HOUSTON | MULLER | SERVICE (L) | DUBE w/input |
| SKOVHOLT (L) | ✓NOVAK | DICKER | SHEPPARD (L) | E. COUPE |
| GOLLER (L) | ✓ROSS | KNIGHTON | SLATER (E) | |
| P. COLLINS | ✓IPPOLITO | YOUNGBLOOD | SMITH (L) | ✓D. THOMPSON (2) |
| DENISE | ✓TEDESCO | REGAN | ✓TEETS (L) | ✓KLECKER |
| ✓REG OPR | ✓LONG | PROJECT MGR | WILLIAMS (E) | ✓EISENHUT |
| FILE & REGION (2) | ✓LAINAS | | WILSON (L) | |
| ✓MORRIS | ✓BENAROYA | HARLESS | | |
| ✓STEELE | ✓VOLLMER | | | |

EXTERNAL DISTRIBUTION

| | | |
|--|-------------------------------|-------------------------|
| ✓1 - LOCAL PDR CEDAR RAPIDS, IA | (1)(2)(10)-NATIONAL LABS | 1-PDR-SAN/LA/NY |
| ✓1 - TIC (ABERNATHY) | 1-ASLBP(E/W Bldg, Rm 529) | 1-BROOKHAVEN NAT LAB |
| ✓1 - NSIC (BUCHANAN) | 1-W. PENNINGTON, Rm E-201 GT | 1-G. ULRIKSON, ORNL |
| 1 - ASLB | 1-B&M SWINEBROAD, Rm E-201 GT | 1-AGMED (RUTH GUSMAN) |
| 1 - Newton Anderson | 1-CONSULTANTS | Rm B-127 GT |
| ✓5 - ACRS SENT TO LIC ASST TEETS 8-28-74 | NEWARK/BLUME/AGBABIAN | 1-RD..MUELLER, Rm F-304 |

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

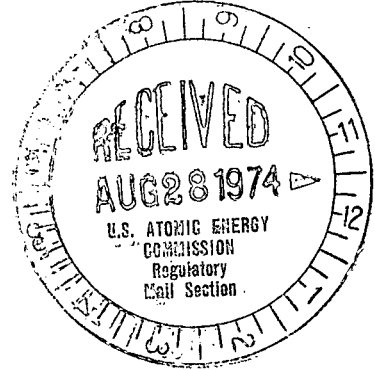
DUANE ARNOLD ENERGY CENTER

PALO, IOWA

AUGUST 21, 1974

DAEC - 74 - 297

Mr. James G. Keppler, Director
Regulatory Operations Regional Office
U. S. Atomic Energy Commission
799 Roosevelt Road
Glen Ellyn
Illinois 60137



SUBJECT: Abnormal Occurrence No. DPR 50-331/74-31
FILE: A-118a

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center, please find enclosed a written report on the subject abnormal occurrence.

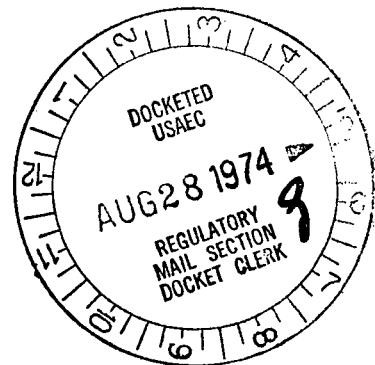
Very truly yours,

A handwritten signature in cursive script, appearing to read "G. G. Hunt".

G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

JSA:GGH:bh
Enclosure

CC: E. G. Case
C. W. Sandford
J. A. Wallace
E. L. Hammond
B. R. York
D. L. Wilson
O. C. Schellberg
L. D. Root
H. W. Rehrauer-Chairman, Safety Committee
J. R. Newman
G. A. Engle
J. S. Anderson
B. L. Hopkins



REGULATORY DOCKET FILE COPY

8885

AUG 26 1974

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence
Report Number: AO 50-331/74-31
Report Date: August 21, 1974
Occurrence Date: August 14, 1974
Facility: Duane Arnold Energy Center, Unit No.1, Palo, Iowa

Identification of Occurrence

Unidentified coolant leakage into the primary containment, reportable in accordance with Appendix A to Operating License DPR-49, Specification 1.0.4.b.

Description of Occurrence

On August 14, 1974, at 0600, unidentified leakage into the drywell floor drain sump exceeded the limit (5 gpm) of Technical Specification 3.6.C.1.

A plant shutdown and a plant cooldown were commenced at 1257 on August 14, 1974. Reactor was in cold shutdown at 0203 on August 15, 1974.

Designation of Apparent Cause of Occurrence

Investigation revealed that the cause of the occurrence was leakage from recirculation pump B shaft seals. Corrosion products had lodged between the seals stationary seating surfaces.

Analysis of Occurrence

It has been determined that the occurrence did not have a deleterious effect on plant safety. The reactor was placed in a cold shutdown condition within 24 hours of the discovery of the excess unidentified leakage as required by Specification 3.6.C.3.

Corrective Action

Recirculation pump B shaft seals were disassembled and rebuilt under direction of the vendor. After reassembly, the seals were visually checked at a plant pressure of 400 psig and found to be satisfactory.

Conclusion

The contents of this report, including corrective actions, were reviewed and approved by the DAEC Operations Committee on August 23, 1974. The Committee concluded that the occurrence did not present a hazard to the health and safety of the public.



G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

~~S~~
JSA:GGH:bh