

MEMO ROUTE SLIP Form AEC-93 (Rev. May 14, 1947) AECM		See me about this.	For concurrence.	For action.	
		Note and return.	For signature.	For information.	
TO (Name and unit) RO Chief, FS&EE RO:HQ (4) Licensing (4) DR Central Files Region I		INITIALS	REMARKS IOWA ELECTRIC LIGHT & POWER COMPANY Docket 50-331		
		DATE			
TO (Name and unit) Region II PDR Local PDR NSIC DTIE		INITIALS	REMARKS		
		DATE			
TO (Name and unit) OGC, Beth, P-506A		INITIALS	REMARKS		
		DATE			
FROM (Name and unit) W. E. Vetter RO:III		REMARKS Attached is applicant's adequate reply dtd 3-14-73 to RO Bulletin No. 73-1.			
PHONE NO.	DATE 5-16-73				

USE OTHER SIDE FOR ADDITIONAL REMARKS

GPO : 1971 O - 445-469

LB

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

March 14, 1973

IE-73-939

C. W. SANDFORD
VICE PRESIDENT

Mr. Boyce H. Grier
Regional Director
U.S. Atomic Energy Commission
Directorate of Regulatory Operations
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

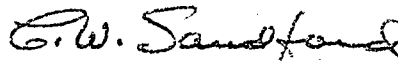
Re: Duane Arnold Energy Center #1
Subject: Westinghouse Circuit Breakers
File: A-110, Q-42

Dear Mr. Grier:

This is in reply to your letter of February 28, 1973 regarding failure of Westinghouse made DB-25, DB-50 and DB-75 circuit breakers.

It has been determined that Westinghouse circuit breakers of the models indicated are not now installed at this facility on safety-related circuits. There are no present plans to install these Westinghouse circuit breakers.

Yours truly,


C. W. Sandford
Vice President

GAC:CWS:hh

cc: Mr. L. D. Root
Mr. J. A. Wallace
Mr. J. R. Newman
Mr. S. M. Cott
Mr. G. A. Cook

MAR 19 1973

DEC 5 1972

Iowa Electric Light & Power Company
ATTN: C. W. Sandford, Vice President
Security Building, P. O. Box 351
Cedar Rapids, Iowa 52406

Socket No. 50-331
Ref. CDR-50

Gentlemen:

Thank you for your report dated November 15, 1972, describing the defect identified in a main steam line spool piece at your Duane Arnold facility. The repair work and documentation relative thereto will be reviewed by personnel from our office in Glen Ellyn, Illinois, during subsequent inspections. Should additional information be required relating to this problem, you will be contacted by that office.

Your cooperation concerning this matter is appreciated.

Sincerely,

F. E. Kruesi, Director
Regulatory Operations

bcc:

LRogers, RS
BHGrier, RO:III
PAMorris, RO
HDThornburg, RO
RHEngelken, RO
JGKeppler, RO
GWReinmuth, RO
LReeder, RO
RLShannon, DTIE, OR

RSBoyd, L
RCDeYoung, L
FSchroeder, L
WRButler, L
DR Central Files
DR Reading Files
PDR
Local PDR
NSIC

#21571.

OFFICE ▶	RO <i>DEW</i>	<i>JH</i>	<i>RHC</i>	<i>JSK</i>		
SURNAME ▶	DEWhitesell/ mib	JBHenderson	RHEngelken	FEKruesi		
DATE ▶	12/4/72	12/4/72	12/4/72	12/5/72		<i>LB</i>

Local PDR

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

November 15, 1972

IE-72-676

C. W. SANDFORD
VICE PRESIDENT

Mr. Frank E. Kruesi
Directorate of Regulatory Operations
U. S. Atomic Energy Commission
Washington, D. C. 20545

Re: Duane Arnold Energy Center #1
Subject: Main Steam Pipe Surface Defect
File: Q-605

Dear Mr. Kruesi:

This report is to provide additional information on the surface defect detected on main steam line pipe spool PS-1-B1 as reported to your Region III office on October 12, 1972.

The defect was detected by a Constructor's Inspector while performing liquid penetrant test on field weld FW-B2 between the spool in question and a vertical riser spool. The pipe is located at azimuth 265° from 0° RPV nozzle. The apparent metal inclusion caused a defect of approximately 3/4" x 1 1/4" at a point 12" above field weld FW-B2. The source of the inclusion is still under investigation. The pipe in question is 20" ASTM A106 Gr. B 1.031 inches minimum wall carbon steel pipe. The pipe had been supplied by the NSSS supplier from a pipe fabricator.

The problem was referred to the architect engineer for resolution in agreement with the NSSS supplier. Resolution included procedures for removal of the defect, removal verification, repair, repair verification, stress relieving and future monitoring. Acceptance criteria for the removal and repair were established. All steps described were discussed with IE technical personnel.

Prior to repair work, the NSSS supplier established that the depth of removed material was not to exceed 5/16" without further consultation with the NSSS supplier. Upon grinding, the depth of removed material was measured as 3/16". As this was well within the allowance, the repair was begun. As of this date, the repair has not been completed.

The QC system provides for visual inspection and nondestructive examination during fabrication by the pipe fabricator and inspection during fabrication and release inspection by the NSSS supplier. A QC plan was implemented by the NSSS supplier for the fabrication. Product quality check sheets for the parts and assembled spool specified check points and test to be performed by the NSSS supplier QC representative. The fabricators QC system was audited four (4) times by Iowa Electric personnel.

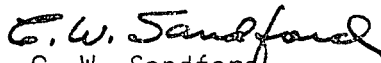
To date, Iowa Electric and the NSSS supplier have been unable to determine how the surface defect was overlooked by the pipe fabricators' inspection and the shop QC representative of the NSSS supplier. The Product QC Checklist of the NSSS supplier for the pipe spool indicated that the required test had been performed and witnessed.

In order to reduce future occurrence and to assure the integrity of the remaining main steam pipe, Iowa Electric plans the following action:

1. Review again the inspection practices of the pipe fabricator in the near future.
2. Review the inspection instructions and practices of the NSSS supplier shop QC representative in the fabricator's shop.
3. Perform additional visual inspection of 100% of the main steam pipe spools within the drywell consistent with the inspection requirements of the pipe.
4. Review of inspection records of 100% of the above pipe spools.

If you have any further questions, do not hesitate to contact us.

Very truly yours,


C. W. Sandford
Vice President

GAC:CWS:hh

cc: Boyce Grier
Larry Root
Jack Newman
File