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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316  
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 RECIP. NAME RECIPIENT AFFILIATION  
 MURLEY, T. E. Document Control Branch (Document Control Desk)

SUBJECT: Forwards Rev 6 to steam generator repair rept. Rev adds  
 Section 3.7.1.4, "Return to Svc Testing," which includes  
 commitment to submit program to NRC for review.

*Rev 4/3/88 2*  
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Indiana Michigan  
Power Company  
P.O. Box 16631  
Columbus, OH 43216



AEP:NRC:0980J

Donald C. Cook Nuclear Plant Unit 2  
Docket No. 50-316  
License No. DPR-74  
STEAM GENERATOR REPAIR REPORT, REVISION 6

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555

ATTN: T. E. Murley

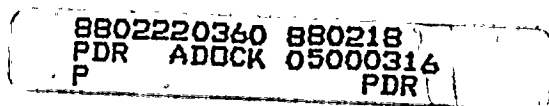
February 18, 1988

Dear Mr. Murley:

Enclosed are 21 copies of Revision 6 to the Steam Generator Repair Report for the Donald C. Cook Nuclear Plant, Unit No. 2. Revision 6 adds Section 3.7.1.4, "Return to Service Testing," which includes a commitment to submit the program for return to service testing to the NRC for review.

Attachment 1 to this letter is Revision 6 to the Steam Generator Repair Report with insertion instructions. Attachment 2 is a Document Control Acknowledgement Letter. Please sign and return the Document Control Acknowledgement Letter for our records.

In compliance with the requirements of 10 CFR 50.91(b)(1), copies of this letter and its attachments have been transmitted to Mr. R. C. Callen of the Michigan Public Service Commission and Mr. G. Bruchmann of the Michigan Department of Public Health.



A001  
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T. E. Murley

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AEP:NRC:0980J

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to ensure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,



M. P. Alexich  
Vice President

edg

Enclosures

cc: D. H. Williams, Jr., w/o encl.  
W. G. Smith, Jr. - Bridgman, w/o encl.  
R. C. Callen  
G. Bruchmann  
G. Charnoff, w/o encl.  
NRC Resident Inspector - Bridgman  
A. B. Davis - Region III

ATTACHMENT 1 TO AEP:NRC:0980J  
REVISION 6 TO THE STEAM GENERATOR REPAIR REPORT

INSTRUCTIONS FOR THE INSERTION OF REVISION 6  
INTO THE COOK NUCLEAR PLANT STEAM GENERATOR REPAIR REPORT

REMOVE

Record of Revision, dated  
December 3, 1987

Page iii, Revision 0

Page 78, Revision 0

- - - - -

INSERT

Record of Revision, dated  
February 18, 1988

Page iii, Revision 6

Page 78, Revision 6

Page 78a, Revision 6



ATTACHMENT 2 TO AEP:NRC:0980J

DOCUMENT CONTROL ACKNOWLEDGEMENT LETTER





Indiana Michigan  
Power Company  
P.O. Box 1663  
Columbus, OH 43216

M.

T. E. MURLEY  
NRC - NRR  
WASHINGTON, D. C.  
072

T. E. MURLEY, DIRECTOR  
NRC - NRR  
WASHINGTON, D.C.  
029 THROUGH 048



STEAM GENERATOR REPAIR REPORT  
DOCUMENT CONTROL ACKNOWLEDGEMENT LETTER

Steam Generator Repair Report, Revision 6  
Cook Nuclear Plant, Unit 2

Please acknowledge receipt of the above listed controlled copy of the Steam Generator Repair Report by providing your signature and date in the space below:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Please return this letter within ten (10) days to:

Mr. Timothy G. Harshbarger  
American Electric Power Service Corporation  
1 Riverside Plaza, 20th Floor  
Columbus, Ohio 43216

REASONS FOR CHANGES

*Supplemental pgs Rev 6 to  
Steam Generator Rpts  
Filed 2/18/88*

PAGE

REASON FOR CHANGE

Record of Revision

Added Revision 6 to the list of revisions.

Page iii

Made change to table of contents to reflect the change in page number.

Page 78

Added commitment to submit return-to-service testing program to the NRC.

Page 78a

Moved Section 3.8 text from bottom of page 78 to top of 78a to make room for text regarding return-to-service testing program.

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Steam generator water level stability testing will be performed to verify stability of automatic level control system.

#### 3.7.1.2 Inspection

Baseline inservice inspection records will be established to meet ASME Code Section XI requirements. These records will include 100% eddy current tube examination. Field radiography of the main steam and feedwater lines along with ultrasonic testing of the primary reactor coolant pipe and steam generator welds will also provide baseline inservice inspection records.

#### 3.7.1.3 Cleanup

Work areas within the reactor coolant system will be sealed prior to commencement of repair activities, and then thoroughly cleaned before being returned to service to minimize the need for flushing.

The primary side of each steam generator channel head will be inspected. Any dirt and debris will be removed prior to return to service. The secondary side of the steam generators will be inspected before being returned to service and thoroughly cleaned to remove debris or foreign objects.

### 3.8 Radiological Protection Program

#### 3.8.1 Project Radiation Protection/ALARA Plan Summary

##### 3.8.1.1 Introduction

Because projects of this type have the potential for individual and collective radiation exposures beyond that of other routine maintenance, AEPSC will provide a separate Radiation Protection/ALARA Plan and organization apart from the Donald C. Cook Radiation Protection Group to provide the specialized type

