

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9012170163      DOC. DATE: 90/12/14      NOTARIZED: NO      DOCKET #  
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315  
 AUTH. NAME      AUTHOR AFFILIATION  
 BLIND, A.A.      Indiana Michigan Power Co. (formerly Indiana & Michigan Ele  
 RECIP. NAME      RECIPIENT AFFILIATION  
 DAVIS, A.B.      Document Control Branch (Document Control Desk)

SUBJECT: Submits steam generator tube plugging rept. Insp of tubes commenced on 901116 & completed on 901201.

DISTRIBUTION CODE: A001D      COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2  
 TITLE: OR Submittal: General Distribution

NOTES:

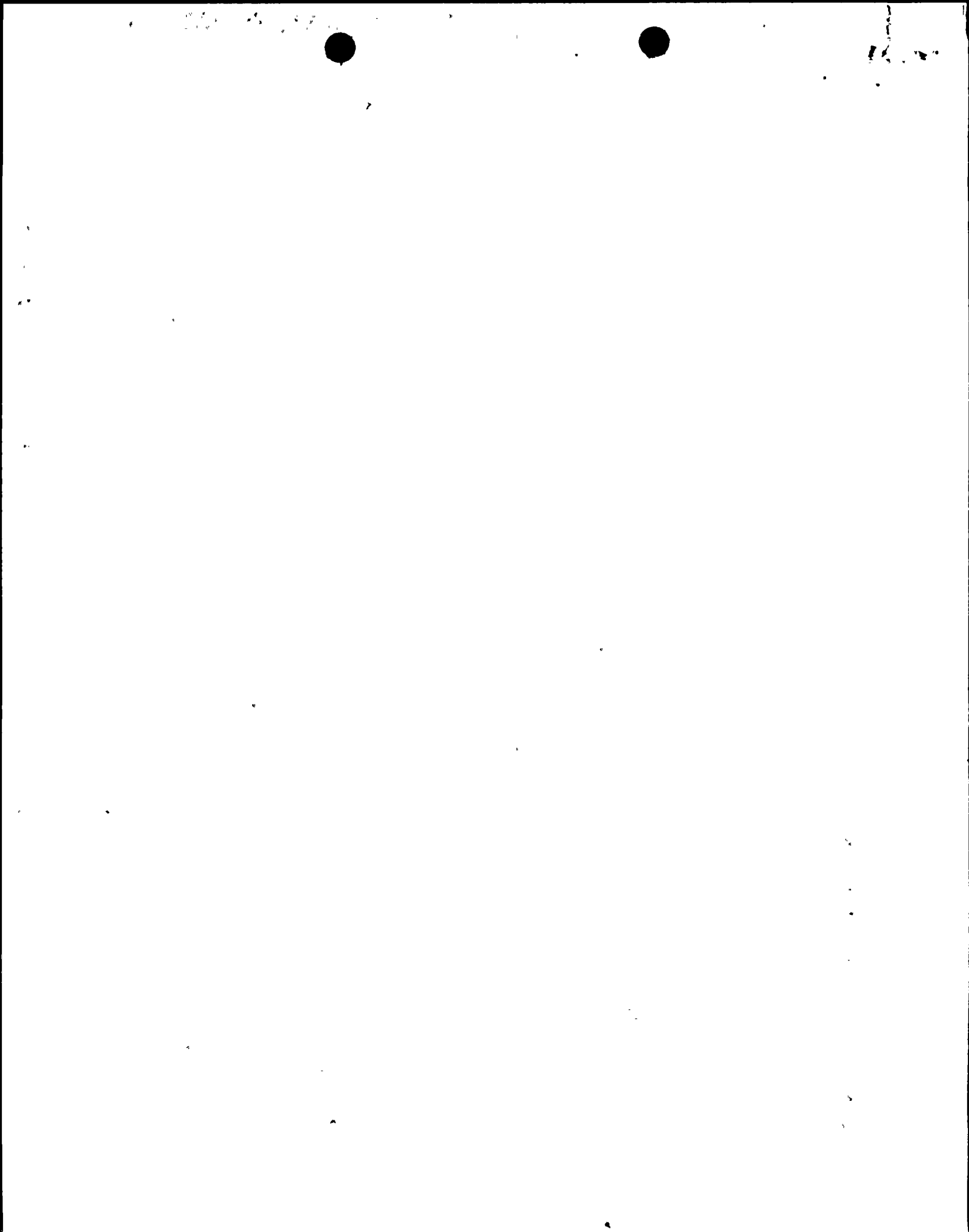
	RECIPIENT		COPIES			RECIPIENT		COPIES	
	ID CODE/NAME		LTR	ENCL		ID CODE/NAME		LTR	ENCL
	PD3-1 LA		1	1		PD3-1 PD		1	1
	COLBURN, T.		2	2					
INTERNAL:	NRR/DET/ECMB	9H	1	1		NRR/DET/ESGB		1	1
	NRR/DOEA/OTSB	11	1	1		NRR/DST	8E2	1	1
	NRR/DST/SELB	8D	1	1		NRR/DST/SICB	7E	1	1
	NRR/DST/SRXB	8E	1	1		NUDOCS-ABSTRACT		1	1
	OC/LEMB		1	0		OGC/HDS1		1	0
	<u>REG FILE</u>	01	1	1		RES/DSIR/EIB		1	1
EXTERNAL:	NRC PDR		1	1		NSIC		1	1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 18 ENCL ~~16~~ 0

R  
I  
D  
S  
/  
A  
D  
D  
S  
  
R  
I  
D  
S  
/  
A  
D  
D  
S



Indiana Michigan  
Power Company  
Cook Nuclear Plant  
P.O. Box 458  
Bridgman, MI 49106  
616 465 5901



Donald C. Cook Nuclear Plant Unit 1  
Docket No. 50-315  
License No. DPR-58  
STEAM GENERATOR TUBE PLUGGING REPORT

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

Attn: A. B. Davis

December 14, 1990

Dear Mr. Davis:

Pursuant to the requirements of Donald C. Cook Nuclear Power Plant Technical Specification 4.4.5.5(a), this letter is to inform you of the number of steam generator tubes plugged as a result of eddy current examination activities performed during the 1990 Unit 1 Refueling Outage.

Inspection of Unit 1 steam generators began on November 16, 1990, was completed on December 1, 1990, and included 100 percent of all previously nonplugged tubes. The total number of tubes examined in each steam generator included 3,208 in SG-11, 3,240 in SG-12, 3,246 in SG-13, and 3,221 in SG-14.

Conservative steam generator tube plugging criteria, similar to that utilized during the inspection of April-May 1989, were implemented as follows: In the hot leg tubesheet crevice and tubesheet surface regions (up to approximately 6 inches) all clean indications or other signals representing possible tube wall degradation, regardless of voltage or phase angle, were plugged. At hot leg support plate intersections clear indications meeting a threshold voltage of 1.75 volts and having indicated through wall penetrations of  $\geq 40$  percent were considered pluggable.

9012170163 901214  
PDR ADOCK 05000315  
PDR

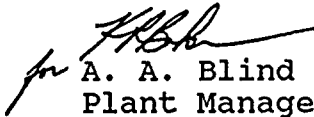
17

A001  
~~1/0~~  
1/0

Steam Generator Tube Plugging Report  
December 14, 1990  
Page 2 of 2

Applying the conservative evaluation criteria resulted in plugging a total of 170 tubes. The number of tubes plugged per steam generator were 64 tubes in SG-11, 18 tubes in SG-12, 57 tubes in SG-13, and 31 tubes in SG-14. Of the total number of tubes plugged 19 were plugged based on Technical Specification requirements ( $\geq 40$  percent tube wall degradation) and included 5 tubes in SG-11, 8 tubes in SG-12, 5 tubes in SG-13, and 1 tube in SG-14.

Respectfully,

  
A. A. Blind  
Plant Manager

/cbm

c: D. H. Williams, Jr.  
R. C. Callen  
G. Charnoff  
T. E. Murley  
NRC Resident Inspector - Bridgman  
NFEM Section Chief