



Commonwealth Edison  
1400 Opus Place  
Downers Grove, Illinois 60515

April 22, 1991

Mr. A. Bert Davis  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
799 Roosevelt Road-RIII  
Glen Ellyn, IL 60137

Subject: Braidwood Station Unit 1  
Second Refueling Outage  
Steam Generator Inservice Inspection Results  
NRC Docket No. 50-456

Reference: (a) NUREG-1276, Technical Specification

Dear Mr. Davis:

The steam generator eddy current surveillance BwVS 4.5.0-1 was completed on April 9, 1991. Braidwood Technical Specification 4.4.5.5.a states that a Special Report of steam generator inservice inspection (ISI) results be prepared and submitted to the commission, pursuant to specification 6.9.2 within 15 days following completion of examinations. Accordingly, Attachment A provides a summary of the number of tubes plugged in each steam generator based on the ISI results. Attachment B is a summary of tubes plugged to date. This information is being provided in accordance with the Technical Specification requirements.

Please direct any questions regarding this submittal to this office.

Very Truly Yours,

Allen R. Checca  
Nuclear Licensing Administrator

Attachments

cc: R. Pulsifer-NRR  
S. Dupont-Braidwood  
NRC Document Control Desk

/scl:ID627:3

ATTACHMENT A

A1R02 PLUGGING LIST

STEAM GENERATOR A

ROW	COL	IND	LOC	RPC IND
10	05	DI*	3-H	SAI
16	07	18%	3-H	MAI
17	35	25%	3-H	SAI
24	48	DI*	3-H	SAI
08	52	68%	3-H	MAI
39	64	DI*	3-H	SAI
11	108	DI*	3-H	SAI
01	42	SAI	11-H	SAI
43	59	43%	AV1	
46	59	46%	AV2	
18	35	NDD	TUBE WAS MISTAKENLY PLUGGED	

A TOTAL 7 TUBES SHOWED AXIAL INDICATIONS AT 3-H

STEAM GENERATOR B

ROW	COL	IND	LOC	RPC IND
46	59	42%	AV2	
		41%	AV3	
12	5	TUBE PLUGGED AFTER INSTALLING CABLE DAMPENER		
		IN ACCORDANCE WITH NRC BULLETIN 88-02		
NO TUBES SHOWED AXIAL INDICATIONS				

ATTACHMENT B

<u>STEAM GENERATOR</u>	<u>TUBES PLUGGED THIS OUTAGE</u>	<u>TOTAL TUBES PLUGGED TO DATE</u>
1RC01BA	10 <u>1 MISPLUGGED</u> 11 TOTAL	20
1RC01BB	1 <u>1 CABLE DAMPENER</u> 2 TOTAL	4
1RC01BC	19	27
1RC01BD	4	5

### STEAM GENERATOR C

ROW	COL	IND	LOC	RPC IND
13	10	62%	3-H	SAI
23	13	53%	3-H	SAI
32	16	37%	3-H	SAI
29	17	86%	3-H	SAI
33	19	43%	3-H	SAI
44	43	DI*	3-H	SAI
46	47	DI*	3-H	SAI
38	51	DI*	3-H	SAI
39	51	DI*	3-H	SAI
39	53	DI*	3-H	SAI
40	53	DI*	3-H	SAI
39	61	DI*	3-H	SAI
39	70	DI*	3-H	SAI
46	70	DI*	3-H	SAI
23	90	DI*	3-H	SAI
30	95	77%	3-H	SAI
32	27	74%	3-H	MAI
		58%	5-H	SAI
28	76	60%	5-H	SAI
46	59	42%	AV1	

A TOTAL OF 17 TUBES SHOWED AXIAL INDICATIONS AT 3-H  
A TOTAL OF 2 TUBES SHOWED AXIAL INDICATIONS AT 5-H

### STEAM GENERATOR D

ROW	COL	IND	LOC	RPC IND
32	20	59%	3-H	SAI
33	25	39%	3-H	SAI
34	25	DI*	3-H	3-H
46	33	DI*	3-H	SAI

A TOTAL OF 4 TUBES SHOWED AXIAL INDICATIONS AT 3-H

\* DI IS A DISTORTED INDICATION

SAI INDICATES A SINGLE AXIAL INDICATION FOUND WITH RPC  
MAI INDICATES MULTIPLE AXIAL INDICATIONS