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ARTHUR E. LUNDVALL, JR.  
VICE PRESIDENT  
SUPPLY

June 14, 1984

U.S. Nuclear Regulatory Commission  
Office of Inspection & Enforcement  
Washington, DC 20555

ATTENTION: Mr. Richard C. DeYoung, Director

SUBJECT: Calvert Cliffs Nuclear Power Plant  
Unit 2; Docket No. 50-318  
Report of Steam Generator Tube Plugging

REFERENCE: (a) Technical Specifications, Calvert Cliffs Unit 2

ATTACHMENT: (1) Tubes Plugged #21/#22 Steam Generator

Gentlemen:

As required by Technical Specification 4.4.5.5, this letter reports the number of tubes plugged in the Calvert Cliffs Unit 2 Steam Generators during the recent May 1984 Inservice Inspection. Six tubes were found to have service induced degradation which exceeded the Technical Specification plugging limit of 40% loss of nominal wall thickness, four in #21 Steam Generator and two in #22 Steam Generator. These six tubes were removed from service by plugging the hot and cold leg tube ends with mechanical tube plugs.

The number of tubes examined by Eddy Current Testing exceeded the requirements of the Calvert Cliffs Unit 2 Technical Specifications. Indications were found on a total of 50 tubes from the approximately 13,800 tubes examined (7,300 #21 steam generator and 6,500 #22 steam generator). As stated above, six of these indications exceeded the plugging limit of 40% loss of nominal wall and required the tube be plugged. The indications were all of a small volume and small area nature.

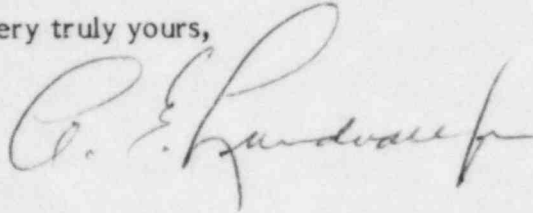
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Attachment (1) lists the tubes plugged during the 1984 Unit 2 Refueling Outage along with the reason for plugging the tube. Should you have further questions regarding this matter, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in cursive script, appearing to read "R. E. Lundvall".

AEL/KMH/gla

Attachment

cc: D. A. Brune, Esquire  
G. F. Trowbridge, Esquire  
D. H. Jaffe, NRC  
T. Foley, NRC

### ATTACHMENT (1)

#### #21 Steam Generator Tubes Plugged During the Unit 2 1984 Outage

<u>LINE</u>	<u>ROW</u>	<u>REASON FOR PLUGGING</u>
52	128	Eddy Current Testing indication of 81% and 52% wall loss originating on the outside diameter of the tube 14.9" and 14.2" above the tubesheet on the hot leg side.
34	38	Eddy Current Testing indication of 53% wall loss originating on the outside diameter of the tube 1.8" above the tubesheet on the hot leg side.
144	22	Eddy Current Testing indication of 49% wall loss originating on the outside diameter of the tube 1.1" above the tubesheet hot leg side.
132	2	Eddy Current Testing indication of 53% wall loss originating on the outside diameter of the tube 12.7" above the #5 eggcrate support on the cold leg side.

#### #22 Steam Generator Tubes Plugged During the Unit 2 1984 Outage

<u>LINE</u>	<u>ROW</u>	<u>REASON FOR PLUGGING</u>
97	81	Eddy Current Testing indication of 61% wall loss originating on the outside diameter of the tube 1.8" above the tubesheet on the hot leg side.
91	35	Eddy Current Testing indication of 56% wall loss originating on the outside diameter of the tube at the #5 batwing support.