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U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318
1997 Steam Generator Tube Inspection Results Report

REFERENCE: (a) Calvert Cliffs Units 1 and 2 Technical Specifications 4.4.5.5.b

Reference (a) requires that we report, on an annual basis, the results of the steam generator tube inservice inspection conducted in the past year. This letter provides the steam generator tube examinations conducted on the Unit 2 steam generators during the spring of 1997. No similar inspections were conducted on the Unit 1 steam generators in 1997. This report includes the number and extent of tubes examined, imperfections noted, and the identity of tubes plugged. The Unit 2 steam generator tube inspection results required 277 total tubes to be plugged in No. 21 Steam Generator and 214 total tubes to be plugged in No. 22 Steam Generator. The number of circumferential flaws detected were 8 in No. 21 Steam Generator and 36 in No. 22 Steam Generator.

INSPECTION SCOPE

The examination of Calvert Cliffs Unit 2 Steam Generators (Nos. 21 and 22) consisted of bobbin coil and motorized rotating plus point inspection technologies. All distorted bobbin coil indications were dispositioned with the plus point probe. The table below identifies the number and extent of tubes inspected.

Inspection Zones	Number of Tubes in Zone (SG21/SG22)	Tube Extent Examined
100% Full Length Bobbin Coil	8092/8290	tube end to tube end
100% Plus Point on top of hot leg tube sheet	8092/8290	TSH minus 1" to TSH plus 5"
20% Plus Point on top of cold leg tube sheet	1618/1658	TSC minus 1" to TSC plus 5"

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Inspection Zones	Number of Tubes in Zone (SG21/SG22)	Tube Extent Examined
20% Plus Point at the upper tube bundle locations (plus expansions)	1236/1080	04H Egg Crate to Vertical Middle
20% Plus Point at tubes with U-bends (plus expansions)	722/637	06H Egg Crate to 06C Egg Crate
20% Plus Point at dented support plate intersections	106/258	NA
20% Plus Point at installed rolled mechanical plugs	100/100	NA

SG = Steam Generator

TSH = Tubesheet Hot

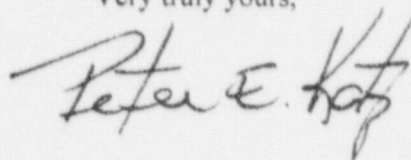
TSC = Tubesheet Cold

EDDY CURRENT INSPECTION RESULTS

Attachment (1) contains the results of the motorized rotating plus point and bobbin coil exams for Steam Generator Nos. 21 and 22. All steam generator tubes with crack-like indications, both circumferential and axial, and all tubes with volumetric indications were removed from service.

Should you have questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,



Attachment (1): Results of Bobbin Coil and Motorized Rotating Plus Point Exams for Unit 2 Steam Generators Nos. 21 and 22.

cc: H. J. Miller, NRC

Without Attachment

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