

BALTIMORE GAS AND ELECTRIC COMPANY

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VICE PRESIDENT
SUPPLY

November 1, 1980

Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

ATTENTION: Mr. R. A. Clark, Chief
Operating Reactors Branch #3
Division of Licensing

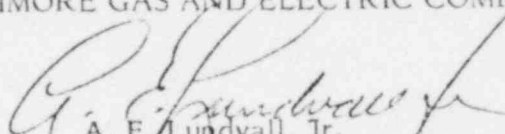
SUBJECT: Calvert Cliffs Nuclear Power Plant
Unit No. 1, Docket No. 50-317
Amendment to Operating License DPR-53
Fifth Cycle License Application
Responses to NRC Staff Questions

Gentlemen:

Enclosed are our responses to questions posed by NRC staff on the subject application.

Very truly yours,

BALTIMORE GAS AND ELECTRIC COMPANY


A. E. Lundvall, Jr.
Vice President - Supply

AEL/WJL/mit

Copy To: J. A. Biddison, Esquire (w/out Encl.)
G. F. Trowbridge, Esquire (w/out Encl.)
Messrs. E. L. Conner, Jr., NRC
P. W. Kruse, CE

Enclosure (1): 40 copies

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Enclosure 1

Question 1

What inspections of CEA and CEA guide tube sleeves will be performed at the end of Unit 1, Cycle 4?

Response

Based on previous CEA and CEA guide tube examinations, the following inspection program will be conducted. This inspection will confirm satisfactory use of sleeved guide tubes and CEAs for future cycles.

1. CEA Examinations

Eddy current testing of 3 to 5 CEAs using bobbin and pancake techniques.

<u>CEA Identity</u>	<u>Core Position</u>
1C	L11
18	S20
35	J4
22	G3
1A	F2

CEAs 1C, 1A & 18 were among 5 CEAs that were eddy current tested and visually examined by TV after Cycle 3. CEA 1 C is located in fuel assembly BT03 which is in the core center and is unsleeved. CEAs 35 and 22 were selected as being from potential high wear positions based on Unit 1, Cycle 1/Cycle 2 guide tube wear data.

2. Fuel Assembly Inspections

Eddy current testing (both bobbin and pancake) of unsleeved, discharged fuel assembly BT03 guide tubes.

Eddy current testing (bobbin only) of up to 5 discharged sleeved D assemblies that resided under CEAs in moderate to high wear locations for 2 cycles. These assemblies include: D015, D028, D036, D038 and D040. This exam may be optional based on the results of a similar inspection at Millstone II.