



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555-0001

March 1, 1994

Docket Nos. 50-317
and 50-318

Mr. Robert E. Denton
Vice President - Nuclear Energy
Baltimore Gas & Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657-4702

Dear Mr. Denton:

SUBJECT: EMERGENCY DIESEL GENERATOR PROJECT - SOCIÉTÉ ALSACIENNE DE
CONSTRUCTIONS MÉCANIQUES DEL MULHOUSE (SACM) DIESEL GENERATOR AND
MECHANICAL SYSTEMS REPORT - CALVERT CLIFFS NUCLEAR POWER PLANT,
UNIT NOS. 1 AND 2 (TAC NOS. M87070 AND M87071)

By letter dated July 20, 1993, Baltimore Gas and Electric Company (BG&E)
submitted the subject report and requested NRC review and approval.

The report describes one safety-related emergency diesel generator (EDG) and
one nonsafety-related EDG to be added to the Calvert Cliffs Nuclear Power
Plant, Unit Nos. 1 and 2. After the installation of these two new EDGs, the
Calvert Cliffs site will have one safety-related EDG dedicated to each of the
four engineered safety features buses and one nonsafety-related EDG to be used
to mitigate station blackout conditions.

The enclosed Safety Evaluation (SE) describes the safety-related EDG and its
auxiliary and support systems, discusses the design bases and BG&E's
commitment to various codes, standards, and regulatory guides. The
commitments are for design, procurement, fabrication, and construction only;
operational and surveillance requirements will be addressed prior to the
upgraded emergency power distribution system being declared operable. The
overall project is currently scheduled for completion in 1996.

The enclosed SE provides the details of the NRC staff's review. We have
concluded that the subject report is acceptable.

As noted in the conclusion section of the SE, we have determined that the
design bases for the EDG equipment and BG&E's commitment to various codes,
standards, and regulatory guides are acceptable. BG&E's quality group
classification of EDG components and systems is in accordance with Standard
Review Plan Section 3.2.2 and is acceptable. However, the documentation for
SACM components which are fabricated to SACM standards and which addresses the
degree the SACM standards are similar to or meet the intent of the American

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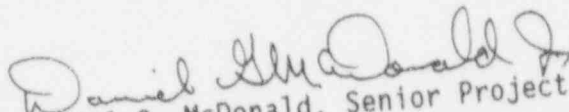
Robert E. Denton

- 2 -

March 1, 1994

Society of Mechanical Engineers Boiler and Pressure Vessel Code should be maintained in an auditable form for a future NRC staff audit.
This completes all actions related to TAC Nos. M87070 and M87071.

Sincerely,


Daniel G. McDonald, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

Mr. Robert E. Denton

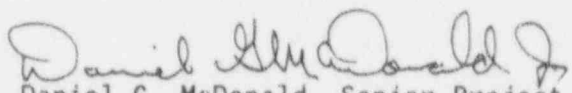
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Sincerely,


Daniel G. McDonald, Senior Project Manager
Project Directorate I-1
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Safety Evaluation

cc w/enclosure:
See next page

Mr. Robert E. Denton
Baltimore Gas & Electric Company

Calvert Cliffs Nuclear Power Plant
Unit Nos. 1 and 2

cc:

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