

CHARLES H. CRUSE
Vice President
Nuclear Energy

Baltimore Gas and Electric Company
Calvert Cliffs Nuclear Power Plant
1650 Calvert Cliffs Parkway
Lusby, Maryland 20657
410 495-4455



October 30, 1998

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
Updated Final Safety Analysis Report, Revision 23

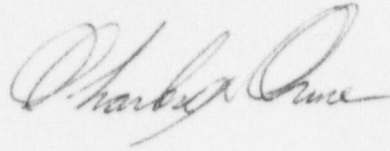
Enclosed for your use is one original and ten copies of Revision 23 of our Updated Final Safety Analysis Report (UFSAR). This is a non-routine update to the UFSAR to incorporate changes to the Technical Requirements Manual, which was added to the UFSAR as part of the Improved Technical Specifications Project. Some other changes, related to the Technical Requirements Manual or the Technical Specification Bases, have also been included, as well as the List of Effective pages. Please replace the appropriate pages of your copies of the UFSAR with the enclosed pages. The annual revision will be submitted in accordance with 10 CFR 50.71(e).

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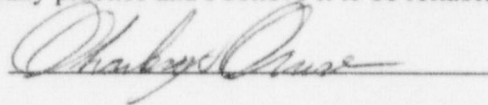
Should you have questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,



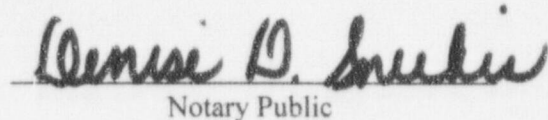
STATE OF MARYLAND :
: TO WIT:
COUNTY OF CALVERT :

I, Charles H. Cruse, being duly sworn, state that I am Vice President, Nuclear Energy Division, Baltimore Gas and Electric Company (BGE), and that I am duly authorized to execute and file this response on behalf of BGE. To the best of my knowledge and belief, the statements contained in this document are true and correct. To the extent that these statements are not based on my personal knowledge, they are based upon information provided by other BGE employees and/or consultants. Such information has been reviewed in accordance with company practice and I believe it to be reliable.



Subscribed and sworn before me, a Notary Public in and for the State of Maryland and County of Calvert, this 30 day of October 1998.

WITNESS my Hand and Notarial Seal:



Notary Public

My Commission Expires:

2/1/2002
Date

CHC/MRC/dlm

Attachment: Updated Final Safety Analysis Report, Revision 23 (Original and 10 Copies)

cc: **(Without Attachment)**
R. S. Fleishman, Esquire
J. E. Silberg, Esquire
S. S. Bajwa, NRC
A. W. Dromerick, NRC

H. J. Miller, NRC
Resident Inspector, NRC
R. I. McLean, DNR
J. H. Walter, PSC

PAGE REPLACEMENT INSTRUCTIONS
Calvert Cliffs Nuclear Power Plant

Updated Final Safety Analysis Report - Revision 23

Remove and Discard

Insert

VOLUME 1

List of Revisions

LOR-1

LOR-1

General Table Of Contents

LEP-GTOC-1
i through xxxvii

LEP-GTOC-1
i through xxix

Chapter 1

LEP-1-1 through LEP-1-3
1-iii and 1-iv
1.8-31 and 1.8-32

LEP-1-1 and LEP-1-2
1-iii and 1-iv
1.8-31 and 1.8-32

VOLUME 3

Chapter 6

LEP-6-1 and LEP-6-2
6-iii through 6-vi
6.6-1 through 6.6-7

LEP-6-1 and LEP-6-2
6-iii through 6-vi
6.6-1 through 6.6-8

Chapter 7

LEP-7-1 thru LEP-7-4
7-i and 7-ii
7-v and 7-vi
7-ix and 7-x
7.2-3 and 7.2-4
7.2-23 through 7.2-28
7.3-13 and 7.3-14
7.3-27 and 7.3-28
7.5-21 through 7.5-28

LEP-7-1 thru LEP-7-3
7-i and 7-ii

Italicized entries indicate unequal substitutions. Carefully perform page replacement.

PAGE REPLACEMENT INSTRUCTIONS
Calvert Cliffs Nuclear Power Plant

Updated Final Safety Analysis Report - Revision 23

Remove and Discard

Insert

VOLUME 6

Chapter 14.17 through 14.26

LEP-14-1 through LEP-14-11
14-xi and 14-xii
14-xix through 14-xxii
14.20-1 through 14.20-89

LEP-14-1 through LEP-14-10

14.20-1 through 14.20-76

Chapter 15

LEP-15-1 and LEP-15-2
15-i through 15-vi
15.0-1 and 15.0-2
15.1-1 through 15.1-4
15.1-9 and 15.1-10
Figure 15.1.2-1
15.3-1 and 15.3-2
15.3-5 and 15.3-6
15.3-9 and 15.3-10
15.4-1 through 15.4-4
15.7-5 and 15.7-6
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LEP-15-1 and LEP-15-2
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15.7-9 through 15.7-32

Italicized entries indicate unequal substitutions. Carefully perform page replacement.

UPDATED FINAL SAFETY ANALYSIS REPORT

REVISION SUBMITTAL DATES

<u>REVISION</u>	<u>DATE</u>
0	July 20, 1982
1	March 31, 1983
2	July 18, 1983
3	July 16, 1984
4	July 15, 1985
5	July 2, 1986
6	August 28, 1987
7	March 31, 1988
8	August 24, 1988
9	August 18, 1989
10	October 17, 1990
11	July 19, 1991
12	April 21, 1992
13	July 17, 1992
14	November 30, 1992
15	December 10, 1993
16	June 24, 1994
17	November 18, 1994
18	November 17, 1995
19	April 1, 1996
20	February 5, 1997
21	November 4, 1997
22	August 28, 1998
23	October 30, 1998