

APRIL 24 1979

Dockets Nos. 50-317
and 50-318

Mr. A. E. Lundvall, Jr.
Vice President - Supply
Baltimore Gas & Electric Company
P. O. Box 1475
Baltimore, Maryland 21203

Dear Mr. Lundvall:

The Commission has issued the enclosed Amendments Nos. 38 and 21 to Facility Operating Licenses Nos. DPR-53 and DPR-69 for the Calvert Cliffs Nuclear Power Plant, Units Nos. 1 & 2 (CCNPP-1/2). The amendments consist of changes to the Appendix A and B Technical Specifications (TS) in response to your applications dated November 13, 1978 and January 31, 1979.

The amendments change the Appendix A TS of both CCNPP units to:

1. limit the maximum boron concentration in the safety injection and refueling water tanks;
2. allow reduced shutdown cooling flow when the reactor coolant system is partially drained;
3. modify the requirements for air flow distribution checks across the HEPA and charcoal filters;
4. correct the safety related hydraulic snubber list (Unit 1 only);
5. modify the operability and surveillance requirements for the refueling machine;
6. update the organizational control of the security force; and
7. revise the hydraulic snubber list to permit modifications of the support system for the auxiliary feedwater discharge piping (Unit 1 only).

DISTRIBUTION:

✓ Docket File (2) ✓
NRC PDR (2)
L PDR
ORB#4 Rdg
NRR Rdg
VStello
DEisenhut
BGrimes
TJCarter
RVollmer
WRussell
PKreutzer
MConner
OELD, Atty
I&E (6)
BJones (8)
BScharf (15)

DBrinkman
BHarless
VNoonan
PCheck
ACRS (16)
CMiles, OPA
RDiggs
HRDenton
GLear
JRBuchanan
TERA
Gray File (2)
Xtra (4)

7905250002

(see 50-318 for
enclosure)

69

Proposed change No. 7 of your November 13, 1978 application to allow two low pressure safety injection containment penetration valves to be open under special conditions will be evaluated at a later date. Proposed change No. 11 on steam generator feedwater flow stability will be evaluated following your response to our request for additional information dated February 9, 1979.

A copy of the related Safety Evaluation for these Appendix A TS changes is enclosed.

The amendments also make administrative type changes to the common Appendix B TS for both CCNPP units. These changes are in response to proposed Items 4 and 8 of your November 13, 1978 letter.

Proposed change No. 4 is to correct an inconsistency in reporting requirements between Appendix B TS Sections 2.3.A.7 and 5.6.2.c(1) by increasing the reporting level (TS 5.6.2.c(1)) for radioactive liquid effluents from 1.25 curies to 2.5 curies per unit in a quarter. The bases for TS 2.3.A indicate that the design objective for the release of radioactive liquid effluents from CCNPP is five curies per unit per year excluding tritium and noble gases. The purpose of reporting requirements, such as TS 2.3.A.7 and TS 5.6.2.c(1), is to alert the NRC that the plant is releasing quantities of liquid effluents which, extrapolated to a yearly rate, exceed the design objective. In general, such reporting requirements are set at an effluent level which, extrapolated to a yearly rate, would be twice the annual design objective. This is the basis for the reporting level of 2.5 curies per unit in a quarter spelled out in TS 2.3.A.7. The reporting requirement in TS 5.6.2.c(1) is intended and should be changed to be the same value as TS 2.3.A.7.

Proposed change No. 8 is to correct another reporting requirement inconsistency between Appendix B TS Sections 2.2.2 and 5.6.1.a. The former TS requires a Semi-Annual Environmental Operating Report and the latter TS an Annual Report. After a few years of plant operation, we find that the Environmental Operating Report submitted on an annual basis is adequate to detect any significant adverse environmental impact on a timely basis.

Both of these administrative changes make the Appendix B TS consistent with our requirements and are, therefore, acceptable.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed changes to the Appendix B TS. These changes apply only to administrative details; therefore, we have determined that they do not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that these changes involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR 51.5(d)(4) that an environmental impact statement, negative declaration or environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

Since the changes to the Appendix B TS apply only to administrative details, they do not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. They do not involve a significant increase in the probability or consequences of an accident, do not involve a significant decrease in a safety margin, and therefore do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

Some portions of your proposed TS have been modified to meet our requirements. These modifications have been discussed with and agreed to by your staff.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

Original signed by

Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Enclosures:

1. Amendment No. to DPR-53
2. Amendment No. to DPR-69
3. Safety Evaluation
4. Notice

cc w/enclosures: See next page

enke
ORB#4:DOR
PKreutzer
4/20/79

STSG:DOR *aw*
DBrinkman *sr*
4/23/79

OFFICE >	ORB#4:DOR	C-ORB#4:DOR	AD-E&P:DOR	C-RSB:DOR	C-EB:DOR	OELD
SURNAME >	MConner <i>cb</i>	RReid	BGrines	PCheck	VNoonan	<i>Woodward</i>
DATE >	4/20/79	4/20/79	4/24/79	4/23/79	4/23/79	4/24/79

Baltimore Gas and Electric Company

cc w/enclosure(s):

James A. Biddison, Jr.
General Counsel
G and E Building
Charles Center
Baltimore, Maryland 21203

George F. Trowbridge, Esquire
Shaw, Pittman, Potts and
Trowbridge
1800 M Street, N.W.
Washington, D. C. 20036

Mr. R. C. L. Olson
Baltimore Gas and Electric Company
Room 922 - G and E Building
Post Office Box 1475
Baltimore, Maryland 21203

Mr. Leon B. Russell, Chief Engineer
Calvert Cliffs Nuclear Power Plant
Baltimore Gas and Electric Company
Lusby, Maryland 20657

Bechtel Power Corporation
ATTN: Mr. J. C. Judd
Chief Nuclear Engineer
15740 Shady Grove Road
Gaithersburg, Maryland 20760

Combustion Engineering, Inc.
ATTN: Mr. P. W. Kruse, Manager
Engineering Services
Post Office Box 500
Windsor, Connecticut 06095

Calvert County Library
Prince Frederick, Maryland 20678

Director, Department of State Planning
301 West Preston Street
Baltimore, Maryland 21201

Mr. R. M. Douglass, Manager
Quality Assurance Department
Room 923 Gas & Electric Building
P. O. Box 1475
Baltimore, Maryland 21203

Mr. Bernard Fowler
President, Board of County
Commissioners
Prince Frederick, Maryland 20768

Director, Technical Assessment
Division
Office of Radiation Programs
(AW-459)
U. S. Environmental Protection Agency
Crystal Mall #2
Arlington, Virginia 20460

U. S. Environmental Protection Agency
Region III Office
ATTN: EIS COORDINATOR
Curtis Building (Sixth Floor)
Sixth and Walnut Streets
Philadelphia, Pennsylvania 19106

cc w/4 cys enclosures and 1 cy
of BG&E filings dtd: 11/13/78 &
1/31/79
Administrator, Power Plant Siting Program
Energy and Coastal Zone Administration
Department of Natural Resources
Tawes State Office Building
Annapolis, Maryland 21401