

June 14, 1999

LICENSEE: Baltimore Gas and Electric Company

FACILITY: Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 and 2

SUBJECT: SUMMARY OF MAY 12 1999, MEETING WITH BALTIMORE GAS AND ELECTRIC COMPANY (BGE) REGARDING LICENSE RENEWAL ACTIVITIES FOR CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT NOS. 1 AND 2

On May 12, 1999, the Nuclear Regulatory Commission (NRC) staff held a public meeting with representatives of BGE at Rockville, Maryland, to discuss the status of the NRC's review of BGE's license renewal application for the Calvert Cliffs Nuclear Power Plant Units 1, and 2.

Enclosure 1 to this meeting summary provides a list of the meeting attendees. Enclosure 2 provides a copy of slides that were used by the NRC staff and BGE to summarize the status of the review of BGE's license renewal application.

**Original Signed By**

David L. Solorio, Project Manager  
License Renewal and Standardization Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos. 50-317 and 50-318

- Enclosures: 1. List of Attendees
- 2. Meeting Slides

cc w/ encls: See next page

DISTRIBUTION:  
See next page

**NRC FILE CENTER COPY**

DOCUMENT NAME: G:\RLSB\SOLORIO\May 12 1999 BGE & NRC meeting summary.WPD

To receive a copy of this document, indicate in the box:

"C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	LA:PD1-1	C	PM:PDLR:DRIP	E	D:PDLR:DRPM	E
NAME	EHilton		DSolorio		CGrimes	
DATE	6/11/99		6/11/99		6/14/99	

OFFICIAL RECORD COPY

11  
DF01

9906180078 990614  
PDR ADOCK 05000317  
P PDR

Baltimore Gas & Electric Company  
cc:

President  
Calvert County Board of  
Commissioners  
175 Main Street  
Prince Frederick, MD 20678

James P. Bennett, Esquire  
Counsel  
Baltimore Gas and Electric Company  
P.O. Box 1475  
Baltimore, MD 21203

Jay E. Silberg, Esquire  
Shaw, Pittman, Potts, and Trowbridge  
2300 N Street, NW  
Washington, DC 20037

Mr. Bruce S. Montgomery, Director  
NRM  
Calvert Cliffs Nuclear Power Plant  
1650 Calvert Cliffs Parkway  
Lusby, MD 20657-4702

Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 287  
St. Leonard, MD 20685

Mr. Richard I. McLean  
Nuclear Programs  
Power Plant Research Program  
Maryland Dept. of Natural Resources  
Tawes State Office Building, B3  
Annapolis, MD 21401

Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. Charles H. Cruse, Vice President  
Nuclear Energy Division  
Baltimore Gas and Electric Company  
1650 Calvert Cliffs Parkway  
Lusby, MD 20657-47027

Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 and 2

Mr. Joseph H. Walter, Chief Engineer  
Public Service Commission of  
Maryland  
Engineering Division  
6 St. Paul Centre  
Baltimore, MD 21202-6806

Kristen A. Burger, Esquire  
Maryland People's Counsel  
6 St. Paul Centre  
Suite 2102  
Baltimore, MD 21202-1631

Patricia T. Birnie, Esquire  
Co-Director  
Maryland Safe Energy Coalition  
P.O. Box 33111  
Baltimore, MD 21218

Mr. Loren F. Donatell  
NRC Technical Training Center  
5700 Brainerd Road  
Chattanooga, TN 37411-4017

David Lewis  
Shaw, Pittman, Potts, and Trowbridge  
2300 N Street, NW  
Washington, DC 20037

Douglas J. Walters  
Nuclear Energy Institute  
1776 I Street, N.W.  
Suite 400  
Washington, DC 20006-3708  
DJW@NEI.ORG

Barth W. Doroshuk  
Baltimore Gas and Electric Company  
Calvert Cliffs Nuclear Power Plant  
1650 Calvert Cliffs Parkway  
NEF 1st Floor  
Lusby, Maryland 20657

National Whistleblower Center  
3233 P Street, N.W.  
Washington, DC 20007

NRC MANAGEMENT MEETING WITH BGE  
ATTENDANCE LIST  
MAY 12, 1999

<u>NAME</u>	<u>ORGANIZATION</u>
JOE SEBROSKY	NRR/DRIP/RLSB
RAJ ANAND	NRR/DRIP/RLSB
SAM LEE	NRR/DRIP/RLSB
JENNY WEIL	MCGRAW-HILL
JOHN FAIR	NRR/DE/EMEB
ROBERT GILL	DUKE ENERGY
CHARLES PIECE	SOUTHERN NUCLEAR
DOUG WALTERS	NEI
FRED POLASKI	PECO ENERGY
JIM LANG	EPRI
TERRY PICKENS	NORTHERN STATES POWER CO
GARRY G. YOUNG	ENTERGY OPERATIONS, INC.
CHRISTOPHER GRATTON	NRR/DSSA/SPLB
MICHAEL HENIG	VIRGINIA POWER
BILL CORBIN	VIRGINIA POWER
LESLIE HARTZ	VIRGINIA POWER
MIKE TUCKMAN	DUKE ENERGY
LOUIS LONG	SOUTHERN NUCLEAR
JIT VORA	NRC/RES/MEB
ROGER NEWTON	WEPCO
JIM BENNETT	BGE
DAVID LEWIS	SHAW P. HMAN
P.T. KUO	NRR/DRIP/RLSB
D.L. SHAW	BGE/LCMU
G.D. ROBISON	DUKE ENERGY
STEVE HALE	FPL
RAJ KUNDACKER	FPL
JOSEPH HAGAN	PECO-ENERGY
ALICE CARSON	BECHTEL
LEG BANIC	NRC/NRR/DE
KEITH WICHMAN	NRR/DE
STEVE HOFFMAN	NRR/DRIP/RLSB
BARRY ZALCMAN	NRR/DRIP/RGEB
CHUCK RAYBURN	BGE
COLLEEN AMORUSO	NUS INFO SERVICES
LYNN CONNOR	DSA
JOHN RYCYNA	BGE

Status Report on Baltimore Gas  
and Electric Company License  
Renewal Application

May 12, 1999

Division of Regulatory Improvement  
Programs

License Renewal & Standardization Branch

Enclosure 2

# Status of BGE LRA Review Activities

- Safety Review
- Environmental Review
- Petitioner Status
- Inspection Status

# Summary of LRA Review Activities

- Safety Review Status
  - 4/28 & 4/29 ACRS sub-committee meeting
  - 5/5 ACRS full-committee meeting
  - Open item status
    - NRC action - 4
    - BGE action - 8
  - 4/27 Fatigue meeting w/NEI
  - Success path for GSI-190 defined

# Summary of LRA Review

## Activities - cont.

- Environmental Review Status
  - Public meeting on Draft SEIS 4/6
  - End of public comment period 5/20

# Summary of LRA Review

## Activities - cont.

- Petitioner Status
  - DC Court set schedule for briefing NWC's appeal of Commissions decision on BGE
  - NRC's brief 6/14
  - Oral argument 10/6



# Summary of LRA Review

## Activities - cont.

- Inspection Status
    - IR 99-02 on scoping issued 3/26
    - Public meeting on IR 99-02 4/15
    - Inspection on aging management 4/5 - 4/16
- Concluded overall that aging management programs were effective; however, some programs found to not be effectively managing some aging effects - BGE agreed to correct



## Calvert Cliffs License Renewal Application Status Report to the US Nuclear Regulatory Commission

Dick Heibel, Manager, Nuclear Projects  
Barth Doroshuk, Project Director, LR

**BGE**

May 12, 1999

## Objectives of Meeting

- Brief NRC line management on progress of license renewal application review
- Determine if any issues need elevating to NRC Steering Committee by BGE or NRC
- Establish performance indicators for next review meeting

## **Proposed Performance Indicators for April 1999**

- Public Meetings held April 6, 1999 ✓
- Safety Review Open Items success path identified/closed ↑
- Confirmatory Items "confirmed" ↑
- "Accuracy" review complete ↑

*CCNPP License Renewal Status Report to the USNRC  
99-016*

3



## **May 1999 Calvert Cliffs LRA Report Card**

May 12, 1999

## May 1999 Report Card

- Schedule Adherence
  - On track
- Quality of Work
  - Good
- Communications
  - Good
- Accomplishments
  - SEIS Public Meeting completed
  - Regional AMR Inspections completed satisfactorily
  - ACRS Meetings Completed
- Concerns
  - None

## Technical Review

- SER being reviewed for "accuracy"
- Open Item Status Report
- Confirmatory Item Status Report

## Open Item Status Report

- 3 Policy issues
  - 2 cascade, UFSAR Supplement
  - All NRC Action
- 18 Clarifications/minor IPA changes
- 1 Still deliberating approach
  - Inspection for degradation from groundwater chemistry
- 1 Providing alternative solution to OI
  - ARDI not adequate for certain scenarios
- 5 Disagree (details next)
- 28 total

## Open Item Status Report (continued)

Items where BGE providing additional information:

- Charcoal dousing system should be in scope (draft response provided; NRC staff OK).
- Cathodic Protection System should be relied upon in AMR for buried piping (BGE drafting how CP is acknowledged but not credited).
- SCC should be plausible for RCS (BGE drafting detailed position; SRP compliance versus plant specific condition).
- Cracking should be plausible for the pressurizer (BGE drafting detailed position; SRP compliance versus plant specific condition).
- An augmented inspection should be performed on small bore piping, including Inconel (BGE drafting detailed position; SRP compliance versus plant specific condition).

## Confirmatory Item Status Report

- 12 Various commitments
  - BGE agrees in general; verifying details
- 7 Various requests for information
  - BGE agrees; generating responses
- 1 GSI-190 resolved
- 20 total

## Status Summary

- Open and Confirmatory items being worked; letter being drafted, certain draft responses being faxed
- Accuracy review results will be communicated separately
- See performance indicators for June 1999

## **Proposed Performance Indicators for June 1999**

- Safety Review Open Items and Confirmatory Items "resolved"
- SEIS Comments reviewed for any new and significant information
- Region I AMR Inspection report issued
- ACRS interim letter open items, if any, have success paths or are closed
- Staff has information necessary to recommend finding in 10CFR54.29

## **NRC Schedule for BGE Calvert Cliffs License Renewal Application**

## **NRC Overall Schedule 1998**

- 4/10/98 - Application Submitted - **completed**
- 5/10/98 - Acceptance and Docketing Completed - **completed**
- 7/8/98 - Notice of Opportunity for Hearing Filed by NRC - **completed**
- 7/7-7/10 - NRC Environmental Site/Public Visit - **completed**
- 7/9/98 - Public Meetings for Environmental Impact Statement Scoping - **completed**
- 8/7/98 - Filing of Intervener Petitions Ends - **completed**
- 9/7/98 - NRC Completes Technical Requests for Additional Information (RAI) - **completed**
- 9/28/98 - Management Progress Review - **completed**

## **NRC Overall Schedule 1998 (continued)**

- 10/1/98 - Deadline for Whistleblower Center Filing - **completed**
- 10/7/98 - NRC Completes Environmental RAIs - **completed**
- 10/16/98 - Whistleblower Center Petition Dismissed - **completed**
- 10/22/98 - BGE EQ Presentation to NRC Staff - **completed**
- 10/29/98 - Management Program Review, NRC Steering Committee Meeting - **completed**
- 11/21/98 - BGE Completes Technical Responses - **completed**
- 12/6/98 - BGE Completes Environmental Responses - **completed**
- 12/16/98 - Management Progress Review - **completed**



## **NRC Overall Schedule 1999-2000**

- 1/14/99 - Management Progress Review - **completed**
- 2/26/99 - Management Progress Review - **completed**
- 3/6/99 - NRC Issues Draft Supplemental Environmental Impact Statement (SEIS) for Comment - **completed**
- 3/21/99 - NRC Completes Initial Safety Evaluation Report (SER) and Open Items - **completed**
- 3/30/99 - Management Progress Review - **completed**
- 4/6/99 - Public Meeting for Draft SEIS Comments - **completed**
- 5/5/99 - ACRS Meeting - **completed**
- 5/12/99 - Management Progress Review - **completed**
- 5/20/99 - NRC Comment Period on Draft SEIS Closes
- 7/19/99 - BGE Completes Responses to Open Items
- 11/16/99 - NRC Issues Final SER and SEIS
- TBD - Commission Decision on Application

**DISTRIBUTION:**

Hard copy

Docket File

PUBLIC

RLSB RF

N. Dudley, ACRS - T2E26

EHylton

E-mail:

R. Zimmerman

W. Kane

D. Matthews

S. Newberry

C. Grimes

C. Carpenter

B. Zalzman

J. Strosnider

R. Wessman

E. Imbro

W. Bateman

J. Calvo

H. Brammer

T. Hiltz

G. Holahan

T. Collins

C. Gratton

B. Boger

R. Correia

R. Latta

J. Moore

J. Rutberg

R. Weisman

M. Zabler

M. Mayfield

S. Bahadur

J. Vora

A. Murphy

D. Martin

W. McDowell

S. Droggitis

RLSB Staff

S. Stewart

F. Bower

B. Latta

D. Walters, NEI

---

S. Bajwa

A. Dromerick

T. Kenyon

K. Leigh

W. Hehl

W. Cook

M. Evans

R. Bores