

March 21, 1996

E. Thomas Boulette, PhD  
Senior Vice President - Nuclear  
Boston Edison Company  
Pilgrim Nuclear Power Station  
600 Rocky Hill Road  
Plymouth, Massachusetts 02360-5599

SUBJECT: BWR SAFETY RELIEF VALVE PERFORMANCE

Dear Mr. Boulette:

I am extending an invitation to Region I licensees to participate with the NRC's Office of Nuclear Reactor Regulation (NRR) and Region I representatives in a discussion of Boiling Water Reactor (BWR) safety relief valve performance issues. The meeting is intended to be an exchange of information concerning the subject of safety relief valve leakage, corrective actions that have been implemented to address setpoint drift, and associated issues.

The meeting will be held on Wednesday, April 24, 1996, at the Sheraton Valley Forge (610-337-2000), Valley Forge, PA. The meeting is open for public observation and will be attended by NRC Region I, NRR and other NRC staff. We request that you consider sending up to two members of your staff who are associated with the evaluation of safety relief valve performance.

To make the meeting as productive as possible, please provide a preliminary list of questions or topics which you would like to pursue at the meeting to K. Kolaczyk of the Region I staff at (610) 337-5327, and indicate who will represent you at the meeting, by April 12. Those questions and issues will form the bases for additional discussions. A meeting notice, an agenda and directions are attached for your information.

Questions regarding the details and feedback on the scope of the meeting may be directed to me at (610) 337-5111; I look forward to a productive exchange of ideas.

Sincerely,

290059

Eugene M. Kelly, Chief  
Systems Engineering Branch  
Division of Reactor Safety

Docket No. 50-293

Enclosures: As stated

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E. Thomas Boulette, PhD

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cc w/encls:

L. Olivier, Vice President - Nuclear and Station Director  
T. Sullivan, Plant Department Manager  
N. Desmond, Regulatory Relations  
D. Tarantino, Nuclear Information Manager  
R. Hallisey, Department of Public Health, Commonwealth of Massachusetts  
The Honorable Therese Murray  
The Honorable Linda Teagan  
B. Abbanat, Department of Public Utilities  
Chairman, Plymouth Board of Selectmen  
Chairman, Duxbury Board of Selectmen  
Chairman, Nuclear Matters Committee  
Plymouth Civil Defense Director  
P. Gromer, Massachusetts Secretary of Energy Resources  
B. Cronin, Legislative Assistant  
J. Fleming  
A. Noguee, MASSPIRG  
Regional Administrator, FEMA  
Office of the Commissioner, Massachusetts Department of Environmental Quality  
Engineering  
Office of the Attorney General, Commonwealth of Massachusetts  
T. Rapone, Massachusetts Executive Office of Public Safety  
Chairman, Citizens Urging Responsible Energy  
Commonwealth of Massachusetts, SLO Designee (2)

Distribution w/encls:

Region I Docket Room (with concurrences)  
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Nuclear Safety Information Center (NSIC)  
NRC Resident Inspector  
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H. Eichenholz, DRP  
C. O'Daniell, DRP  
T. Marsh, NRR  
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W. Dean, OEDO  
Inspection Program Branch, NRR (IPAS)

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U. S. NUCLEAR REGULATORY COMMISSION  
REGION I  
NOTICE OF SIGNIFICANT LICENSEE MEETING

**Licensees:** Boston Edison, Pilgrim (50-293)  
**Facilities:** GPU Nuclear Corporation, Oyster Creek (50-219)  
**Docket Nos.:** New York Power Authority, FitzPatrick (50-333)  
Niagara Mohawk Power Corporation, Nine Mile Point 1 & 2 (50-220; 50-410)  
Northeast Nuclear Energy Co., Millstone 1 (50-245)  
PECO Energy, Limerick 1&2 (50-352; 50-353), Peach Bottom (50-277; 50-278)  
Pennsylvania Power & Light Company, Susquehanna 1 & 2 (50-387; 50-388)  
Public Service Electric & Gas Company, Hope Creek (50-354),  
Vermont Yankee Nuclear Power Corporation, Vermont Yankee (50-271)

**Time and Date:** Wednesday, April 24, 1996, 8:00 a.m. to 4:30 p.m.

**Location:** Sheraton Valley Forge (610) 337-2000  
King of Prussia, Pennsylvania

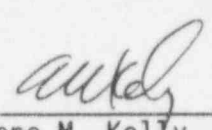
**Purpose:** Discussion of safety relief valve performance issues with boiling water reactor licensees. Special emphasis will be placed on (1) setpoint drift; (2) pilot/main seat leakage; and (3) leakage mitigation methods.

**NRC Attendees:** J. Wiggins, Director, Division of Reactor Safety (DRS)  
E. Kelly, Chief, Systems Engineering Branch, DRS  
G. Hammer, Mechanical Engineering Branch, NRR, MEB  
M. Wegner, Reactor Analysis Branch, AEOD

**NOTES:**

- (1) Attendance by NRC personnel at the NRC/Licensee meeting should be made known by April 16, 1996, via telephone call to E. Kelly (610) 337-5111.
- (2) Due to the subject matter and nature of this meeting, this meeting is open for observation by members of the general public.

Prepared By:

  
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Eugene M. Kelly, Chief  
Systems Engineering Branch  
Division of Reactor Safety

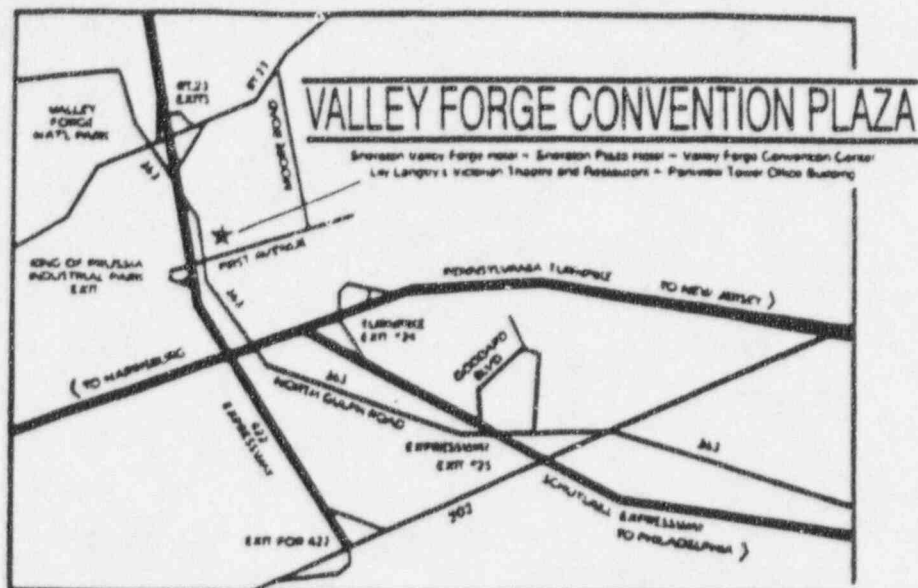
**BWR SAFETY RELIEF VALVE PERFORMANCE**

**SHERATON VALLEY FORGE**

**APRIL 24, 1996**

**AGENDA**

- 8:00 a.m. Welcome and Opening Remarks by James Wiggins, Director, Division of Reactor Safety
- 8:15 a.m. "SRV Setpoint Drift Fix Committee - Status" by BWR Owners' Group
- 9:00 a.m. "NRC Perspective Concerning SRV Performance" by the Mechanical Engineering Branch, Office of Nuclear Reactor Regulation, NRR
- 9:45 a.m. Break
- 10:00 a.m. "SRV Performance Monitoring at FitzPatrick," by New York Power Authority
- 11:30 a.m. Lunch
- 1:00 p.m. "SRV Performance Observations by Kenneth Kolaczyk, NRC Region I
- 1:45 p.m. "Limerick September 1995 Event," by PECO Energy
- 2:30 p.m. Break
- 2:45 p.m. "Results of the Millstone Unit 1 SRV Setpoint Drift Study," by Northeast Nuclear Energy Company
- 4:00 p.m. Closing Remarks by Eugene M. Kelly, DRS Systems Engineering Branch
- 4:15 p.m. Adjourn



#### DIRECTIONS:

**FROM PHILADELPHIA:** Take Schuylkill to Exit #25 (Goddard Blvd.). Bear right at first light onto Goddard Blvd. Turn right at next light onto North Gulph Road and proceed to First Ave.

**FROM PENNSYLVANIA TURNPIKE:** Take Turnpike Exit #24 (Valley Forge). Immediately take first exit after toll (Exit 25-Valley Forge) to First Ave.

**FROM ROUTE 202:** Take Pottstown Exit (422 West) to first exit (Bridgeport-Route 23 East). Turn right at first light (Moore Rd.). Turn right at next light (First Ave.) to Hotel and Convention Center.

**FROM ROUTE 422 EAST:** Take King of Prussia Industrial Park Exit to Hotel and Convention Center.

**BY AIR:** All major airlines fly into Philadelphia International Airport. Liberty Cab & Limousine, (215) 365-6414, provides limousine service every hour on the hour for the 45 minute ride to Valley Forge Convention Plaza and Valley Forge Convention Center. (Rates subject to change.) Register at the Liberty booth in the terminal.

**BY BUS:** SEPTA, (215) 574-7800, Route #45 bus departs daily from Center City Philadelphia at both 16th and JFK Blvd. and at the 29th Street side of 30th Street Station. The bus stops at the King of Prussia Shopping Plaza and at the Hotel and Convention Center.

**BY TRAIN:** AMTRAK, (215) 824-1600, provides frequent and regular service from major metropolitan areas throughout the country to Philadelphia. The train arrives at 30th Street Station. SEPTA bus (#45) leaves the station every half hour on weekdays. See above.

**TOURS:** For information on group tours by motorcoach, contact your local travel agent.

## VALLEY FORGE CONVENTION PLAZA

Sheraton Valley Forge Hotel - Sheraton Plaza Hotel - Valley Forge Convention Center  
Lay Langtry's Victorian Theatre and Restaurant - Parkway Tower Office Building