

October 29, 2009

Dr. Mario V. Bonaca, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

SUBJECT: RESPONSE TO THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
REPORT ON THE SAFETY ASPECTS OF THE LICENSE RENEWAL  
APPLICATION FOR THE BEAVER VALLEY POWER STATION, UNITS 1 AND 2

Dear Dr. Bonaca:

During the 565<sup>th</sup> meeting of the Advisory Committee on Reactor Safeguards (ACRS or the Committee) held September 10-12, 2009, the Committee completed its review of the license renewal application for the Beaver Valley Power Station, Units 1 and 2, and the associated final safety evaluation report prepared by the U.S. Nuclear Regulatory Commission (NRC). In the Committee's final report, dated September 16, 2009, the Committee recommends renewal of the Beaver Valley Power Station, Units 1 and 2, operating license. The NRC staff appreciates the Committee's expeditious review of the plant's license renewal application and the associated final safety evaluation report.

As you mentioned in your report, dated September 16, 2009, the staff is reviewing the impact of the containment liner corrosion on the current licensing basis of the plant. The staff has initiated the following actions and expects to be ready to discuss these actions at an upcoming ACRS meeting as early as July 2010:

- Staff is making changes to Inspection Procedure (IP) 71111.20, Refueling and Outage Activities Baseline Inspection Procedure, to notify inspectors that containments should be inspected as soon as practicable after shutdown, and to be certain to check for items that may be indicative of containment liner corrosion.
- Staff is evaluating the need for issuing a supplement to Information Notice (IN) 2004-09, "Corrosion of Steel Containment and Containment Liner," to holders of operating licenses or construction permits to review the Beaver Valley Power Station, Unit 1 operating experience for applicability to their facilities and consider actions, as appropriate.
- Staff and industry members submitted a new agenda item in the last American Society of Mechanical Engineers (ASME) Subsection IWE meeting to identify early detection methods for liner plate degradation.
- The Office of Nuclear Reactor Regulation is requesting the Office of Nuclear Regulatory Research investigate the mechanism responsible for through-wall corrosion of containment liners.

M. Bonaca

- 2 -

The staff recognizes the Committee's commitment to safety and appreciates its continued support of the license renewal process.

Sincerely,

***Bruce S. Mallett for:***

R. W. Borchardt  
Executive Director  
for Operations

cc: Chairman Jaczko  
Commissioner Klein  
Commissioner Svinicki  
SECY

M. Bonaca

- 2 -

The staff recognizes the commitment to safety of the Committee and appreciates their continued support of the license renewal process.

Sincerely,

R. W. Borchardt  
Executive Director  
for Operations

cc: Chairman Jaczko  
Commissioner Klein  
Commissioner Svinicki  
SECY

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Letter to Mario V. Bonaca from R. W. Borchardt dated October 29, 2009

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