

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 565th 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

DISTRIBUTION: G20090535/LTR-09-0462/EDATS: SECY-2009-0421

See next page

ADAMS Accession Nos.: ML092680073 (Package) ML092660097 (Incoming)

ML092680094 (Response)

*concurring via e-mail

OFFICE	PM:RPB2:DLR	LA:RPOB:DLR	Tech Editor *	OGC (NLO)
NAME	KHoward	IKing	CHsu	LSubin
DATE	10/05/09	09/30/09	09/30/09	10/02/09
OFFICE	D:DCI:NRR	D:DORL:NRR	D:DE:NRR	BC:DRS:RI *
NAME	MEvans	JGitter	PHiland	RConte
DATE	10/19/09	10/15/09	10/19/09	10/14/09
OFFICE	BC:RPB2:DLR	D:DLR:NRR	D:NRR	EDO
NAME	DWrona	BHolian	ELeeds	RBorchardt BMallett for
DATE	10/14/09	10/19/09	10/22/09	10/29/09

OFFICIAL RECORD COPY

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

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

DISTRIBUTION: G20090535/LTR-09-0462/EDATS: SECY-2009-0421

HARD COPY:

DLR RF
ACRS File

E-MAIL:

PUBLIC

RidsEdoMailCenter Resource
RidsNrrOd Resource
RidsNrrAdro Resource
RidsNrrAdes Resource
RidsNrrMailCenter Resource
RidsOgcMailCenter Resource
RidsSecyMailCenter Resource
RidsResOd Resource
RidsRgn1MailCener Resource
RidsAcrcAcnw_MailCTR Resource
RidsNrrDir Resource
RidsNrrDirRpb1 Resource
RidsNrrDirRpb2 Resource
RidsNrrDirRer1 Resource
RidsNrrDirRer2 Resource
RidsNrrDirRerb Resource
RidsNrrDirRpob Resource
RidsNrrDciCvib Resource
RidsNrrDciCpnb Resource
RidsNrrDciCsgb Resource
RidsNrrDraAfpb Resource
RidsNrrDraApla Resource
RidsNrrDeEmcb Resource
RidsNrrDeEeeb Resource
RidsNrrDssSrxb Resource
RidsNrrDssSbpb Resource
RidsNrrDssScvb Resource
RidsOgcMailCenter Resource

KHoward, NRR
NMorgan, NRR
MModes, RI
PCataldo, RI
DWerkheiser, RI
RBellamy, RI
RConti, RI
JRichmond, RI