

November 9, 2010

Mr. James A. Gresham, Manager
Regulatory Compliance and Plant Licensing
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

SUBJECT: ACCEPTANCE FOR REVIEW OF TOPICAL REPORT WCAP-17202-P,
"SUPPLEMENT 4 TO BISON TOPICAL REPORT RPA 90-90-P-A"
(TAC NOS. RG0026 AND ME4505)

Dear Mr. Gresham:

By letter dated June 30, 2010, South Texas Project Nuclear Operating Company (STPNOC) submitted for U. S. Nuclear Regulatory Commission (NRC) staff review Topical Report (TR) WCAP-17202-P, "Supplement 4 to BISON Topical Report RPA 90-90-P-A." Per the request of Westinghouse Electric Company (Westinghouse) in a letter dated July 6, 2010, the review of this TR will be applicable to the operating boiling-water reactors (BWRs), in addition to the advanced BWRs. The NRC staff has performed an acceptance review of TR WCAP-17202-P. We have found that the material presented is sufficient to complete our comprehensive review.

The Office of Nuclear Reactor Regulation (NRR) staff expects to issue its requests for additional information (RAIs) by April 30, 2011, and complete its review by December 31, 2011. Per the request of Westinghouse in a letter dated July 6, 2010, the review of this TR will be applicable to the operating BWRs, in addition to the advanced BWRs. The Office of New Reactors (NRO) staff expects to issue RAIs by March 30, 2011, and complete its review by December 31, 2011.

The estimates for the review will require approximately 500 staff hours including project management time in NRR and 3000 staff hours including project management time in NRO. The review schedule milestones and estimated review costs were discussed and agreed upon in telephone conferences between Kris Cummings, Manager of Nuclear Fuel Engineering Licensing, Westinghouse and NRR staff on September 14, 2010, and James Tomkins, STPNOC Licensing Engineer and the NRO staff on September 9, 2010.

Section 170.21 of Title 10 of the *Code of Federal Regulations* requires that TRs are subject to fees based on the full cost of the review. You did not request a fee waiver, therefore staff hours will be billed accordingly. Westinghouse will be billed for the NRR fees and STPNOC will be billed for the NRO fees.

J. Gresham

-2-

If you have any questions regarding this matter, I may be reached at 301-415-3151 or Ekaterina.Lenning@nrc.gov.

Sincerely,

/RA/

Ekaterina Lenning, Project Manager
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 700

cc: See next page

J. Gresham

-2-

If you have any questions regarding this matter, I may be reached at 301-415-3151 or Ekaterina.Lenning@nrc.gov.

Sincerely,

/RA/

Ekaterina Lenning, Project Manager
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

Project No. 700

cc: See next page

DISTRIBUTION:

PUBLIC

PLPB Reading File

RidsNrrDpr

RidsNrrDprPlpb

RidsNrrLADBaxley

RidsNrrDssSnpb

AMendiola, NRR

ELenning, NRR

JJolicoeur, NRR

YOrechwa, NRR

RidsNroDnrlNge2

MTonacci, NRO

TGovan, NRO

JDonoghue, NRO

GThomas, NRO

RidsOgcMailCenterResource

RidsAcrcAcnwMail

RidsRgn2MailCenter

ADAMS Accession No.: ML102940050

NRR-143

OFFICE	NRR/DPR/PLPB/PM	NRR/DPR/PLPB/LA	NRO/DSRA/SRSB/BC	NRO/DNRL/NGE2/LPM/BC
NAME	ELenning	DBaxley	JDonoghue	MTonacci
DATE	10/26/10	10/26/10	10/28/10	11/4/10

OFFICE	NRR/DSS/SNPB/BC	NRR/DPR/PLPB/BC
NAME	AMendiola	JJolicoeur
DATE	11/9/10	11/9/10

OFFICIAL RECORD COPY

Westinghouse Electric Company

Project No.700

cc:

Mr. Kris Cummings, Manager
Nuclear Fuel Engineering Licensing
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355
cumminkw@westinghouse.com

Mr. Mark A. McBurnett, Vice-President
Oversight and Regulatory Affairs
South Texas Project Units 3 and 4
P.O. Box 289
Wadsworth, TX 77483