

**PROPRIETARY INFORMATION**

September 28, 2005

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

SUBJECT: FINAL SAFETY EVALUATION FOR WESTINGHOUSE TOPICAL REPORT  
WCAP-15836-P, "FUEL ROD DESIGN METHODS FOR BOILING WATER  
REACTORS - SUPPLEMENT 1" (TAC NO. MB5740)

Dear Mr. Gresham:

By letter dated June 25, 2002, as supplemented by letters dated April 16 and July 30, 2004, and March 9 and April 22, 2005, Westinghouse Electric Company (Westinghouse) submitted topical report (TR) WCAP-15836-P, "Fuel Rod Design Methods for Boiling Water Reactors - Supplement 1," to the U.S. Nuclear Regulatory Commission (NRC) staff. By letter dated June 6, 2005, an NRC draft safety evaluation (SE) regarding our approval of WCAP-15836-P was provided for your review and comments. By letter dated June 15, 2005, Westinghouse commented on the draft SE. The staff's disposition of Westinghouse's comments on the draft SE is discussed in the attachment to the final SE enclosed with this letter.

The NRC staff has found that WCAP-15836-P is acceptable for referencing in licensing applications for boiling-water reactor fuel rods to the extent specified and under the limitations delineated in the TR and in the enclosed final SE. The final SE defines the basis for acceptance of the TR.

Our acceptance applies only to material provided in the subject TR. We do not intend to repeat our review of the acceptable material described in the TR. When the TR appears as a reference in license applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

In accordance with the guidance provided on the NRC website, we request that Westinghouse publish accepted proprietary and non-proprietary versions of this TR within three months of receipt of this letter. The accepted versions shall incorporate this letter and the enclosed final SE after the title page. Also, they must contain historical review information, including NRC requests for additional information and your responses. The accepted versions shall include a "-A" (designating accepted) following the TR identification symbol.

Enclosure 2 and 3 transmitted herewith contains proprietary information. When separated from Enclosure 2 and 3, this document is decontrolled.

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J. Gresham

- 2 -

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, Westinghouse and/or licensees referencing it will be expected to revise the TR appropriately, or justify its continued applicability for subsequent referencing.

Sincerely,

**/RA/**

Herbert N. Berkow, Director  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Project No. 700

Enclosures: 1. Final Safety Evaluation (**Non-Proprietary**)  
2. Final Safety Evaluation (**Proprietary**)  
3. Technical Evaluation Report (**Proprietary**)

cc w/encls:

Mr. Gordon Bischoff, Manager  
Owners Group Program Management Office  
Westinghouse Electric Company  
P.O. Box 355  
Pittsburgh, PA 15230-0355

J. Gresham

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Westinghouse Electric Company  
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Pittsburgh, PA 15230-0355

DISTRIBUTION:

PUBLIC (**Letter and Non-Proprietary SE**)

PDIV-2 Reading

RidsNrrDlpmLpdiv (HBerkow)

RidsNrrDlpmLpdiv-2 (RGramm)

RidsNrrPMBBenney

RidsAcrsAcnwMailCenter

RidsOgcRp

FAkstulewicz

PClifford

RidsNrrLALFeizollahi

DCollins

**NON-Prop. Final SE: ML052720348**

**Report Misc.(C.Table): ML052720237**

**ADAMS Accession No. LTR.: ML052720151**

**Proprietary Technical Report (Non-Public): ML051540158**

**Proprietary Final SE (Non-Public): ML052720370**

**PKG.: ML052720188 NRR-106**

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NAME	BBenney	LFeizollahi	FAkstulewicz	DCollins	HBerkow
DATE	9/9/05	9/8/05	9/19/05	9/26/05	9/28/05

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