

WCAP-12473-A

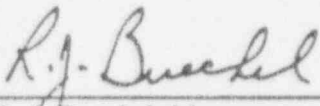
## BEACON

### Core Monitoring and Operations Support System

Original Version: April 1990  
Approved Version: August 1994

C. L. Beard  
T. Morita

Approved:

  
R. J. Buechel, Manager  
BEACON Systems and Methods

Approved:

  
A. L. Casadei, Manager  
Core Engineering

Westinghouse Electric Corporation  
Nuclear Manufacturing Divisions  
P. O. Box 355  
Pittsburgh, Pennsylvania 15230

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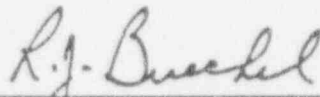
# BEACON

## Core Monitoring and Operations Support System

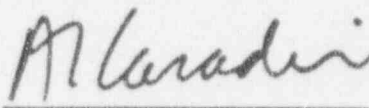
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D	Original version WCAP-12472-P, "BEACON Core Monitoring and Operations Support System," April 1990.
E	Letter from R. C. Jones (NRC) to S. R. Tritch (Westinghouse), "Request for Additional Information for the Review of the Topical Report WCAP-12472-P, "BEACON," August 25, 1992.
F	Letter from N. J. Liparulo (Westinghouse) to R. C. Jones (NRC), "Responses to NRC Request for Additional Information for WCAP-12472-P (Proprietary)," ET-NRC-92-3765 and AW-92-374, November 4, 1992.
G	Letter from N. J. Liparulo (Westinghouse) to R. C. Jones (NRC), "BEACON Core Monitoring and Operations Support System," WCAP-12472-P (Proprietary), with appropriate Westinghouse Proprietary Class 2 information bracketed, ET-NRC-93-3820, February 15, 1993. (See Section D for bracketed version)

Section A



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 16, 1994

Mr. Nicholas J. Liparulo, Manager  
Nuclear Safety and Regulatory Activities  
Westinghouse Electric Corporation  
P.O. Box 355  
Pittsburgh, PA 15230-0355

FEB 21 1994

Dear Mr. Liparulo:

SUBJECT: ACCEPTANCE FOR REFERENCING OF LICENSING TOPICAL REPORT  
WCAP-12472-P, "BEACON: CORE MONITORING AND OPERATIONS  
SUPPORT SYSTEM" (TAC NO. M80078)

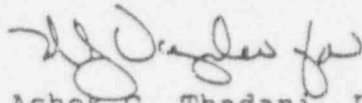
The staff has reviewed WCAP-12472-P, the topical report submitted by Westinghouse Electric Corporation by letter of May 21, 1990. The report is acceptable for referencing in license applications to the extent specified and under the limitations stated in the enclosed Brookhaven report and U.S. Nuclear Regulatory Commission (NRC) safety evaluation. The evaluation defines the basis for the staff's acceptance of the report.

The staff will not repeat its review of the matters described in the topical report and found acceptable when it appears as a reference in license applications, except to assure that the material presented applies to the specific plant involved. NRC acceptance applies only to the matters described in the topical report. In accordance with procedures established in NUREG-0390, the NRC requests that Westinghouse Electric Corporation publish accepted versions of WCAP-12472-P, proprietary and non-proprietary, within 3 months of receipt of this letter. The accepted versions shall incorporate this letter and the enclosed evaluation between the title page and the abstract, and an -A (designating accepted) should follow the report identification symbol. Westinghouse shall also incorporate the report "Westinghouse Responses to 'Request For Additional Information for the Review of the Topical Report WCAP-12472-P, BEACON,'" November, 1992.

If the NRC's criteria or regulations change so that its conclusion that the report is acceptable is invalidated, Westinghouse Electric Corporation and any applicant referencing the topical report will be expected to revise and resubmit the

respective documentation, or submit justification for the continued applicability of the topical report without revision of the respective documentation.

Sincerely,



Ashok C. Thadani, Director  
Division of Systems Safety and Analysis  
Office of Nuclear Reactor Regulation

Enclosure:  
WCAP-12472-P Evaluation