



Westinghouse
Electric Corporation

Commercial Nuclear
Fuel Division

Form 395
Westinghouse Form No. 15230-01-1
March 5, 1991
91SPR-G-0002

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Attn: Mr. Marvin W. Hodges, Reactor Systems Branch Chief
Division of Engineering & Systems Technology

Mr. Donald Katze, Reviewer
Division of BWR Licensing

Subject: Request to cease review of all Westinghouse BWR Topical
Reports

- Enclosure: (1) Listing of Westinghouse BWR Topical Reports
- (2) Review Fees for WCAPs, Letter from J. Lindner, ABB
Atom Inc., to A. Schwartz, Westinghouse Electric,
October 24, 1990.

Dear Mr. Hodges and Mr. Katze:

The following pertains to the Westinghouse BWR Topical Reports in
enclosure (1).

1. Please cease review of the reports listed in enclosure (1).
2. Westinghouse has granted ABB the right to use the
information contained in the reports listed in
attachment A, provided they maintain the information
confidential.

*Add: Marvin Hodges
Donald Katze*

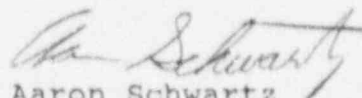
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3. As stated in enclosure (2), ABB Atom has assumed all past and future costs associated with the review of the reports in attachment A.

Thank you for your cooperation and please feel free to call me at (412) 374-2012 or Mr. J. L. Rolin at (412) 374-2255 should you have any questions.

Sincerely,



Aaron Schwartz
Customer Programs

Attachments

cc: J. P. Ducruet
J. L. Rolin
D. B. Ebeling-Koning (ABBA)



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Table 1 Page 1(5)

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TABLE 1 - Status of Topical Reports Submitted by Westinghouse for BWR Fuel

Westinghouse Id	Title/Description	Review Status
WCAP-10842-NP-A NS-NRC-89-3395 Letter from W J Johnson to M W Hodges	Qualification of the PHOENIX/POLCA Nuclear Design and Analysis Programs for Boiling Water reactors June, 1985	Approved
WCAP-10841-P-A NS-NRC-89-3395 Letter from W J Johnson to M W Hodges	Qualification of the PHOENIX/POLCA Nuclear Design and Analysis Programs for Boiling Water reactors June, 1985	Approved
(Letter from M.W. Hodges to W.J. Johnson, June 14, 1988)	(Acceptance for Referencing of Westinghouse Topical Report WCAP-10841, "Qualification of the PHOENIX/POLCA Nuclear Design and Analysis Programs for Boiling Water Reactor")	(Approval letter)
WCAP-10106-P-A Letter NS-NRC-86- 3093, January 6, 1986 (E. P. Rahe to H. N. Berkow, NRC)	A Description of the Nuclear Design and Analysis Programs for Boiling Water Reactors June, 1982	Approved
WCAP-10999-NP-A Letter NS-NRC-86- 3093, January 6, 1986 (E. P. Rahe to H. N. Berkow, NRC)	A Description of the Nuclear Design and Analysis Programs for Boiling Water Reactors (non-proprietary version)	Approved



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TABLE 1 - Status of Topical Reports Submitted by Westinghouse for BWR Fuel (Cont.)

Westinghouse Id	Title/Description	Review Status
WCAP-10107-P-A Rev. 1 Letter NS-NRC-86-3115, March 24, 1986 (E. P. Rahe to H. N. Berkow, NRC)	CONDOR - A Thermal-Hydraulic Performance Code for Boiling Water Reactors December, 1983	Approved
WCAP-10108-NP-A Letter NS-NRC-86-3115, March 24, 1986 (E. P. Rahe to H. N. Berkow, NRC)	CONDOR - A Thermal-Hydraulic Performance Code for Boiling Water Reactors December, 1983	Approved
(Letter C O Thomas (NRC) to E P Rahe, October 11, 1985)	(Acceptance for Referencing of Licensing Topical Report WCAP-10107(P). "CONDOR, A Thermal Hydraulic Code for Boiling Water Reactors")	(Approval letter)
WCAP-10972 Letter NS-NRC-86-3103, January 29, 1986 (E.P. Rahe to Herbert N. Berkow, NRC)	Westinghouse Correlation for Predicting CPR Margins in Boiling Water Reactors November, 1986	Under review



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TABLE 1 - Status of Topical Reports Submitted by Westinghouse for BWR Fuel (Cont.)

Westinghouse Id	Title/Description	Review Status
WCAP-11236 Letter NS-NRC-86-3154, August 31, 1986 (E. P. Rahe to J. Lyons, NRC)	BISON - A One Dimensional Dynamic Analysis Code for Boiling Water Reactors Vol. 1 - Theory Vol. 2 - Qualification August, 1986	Approved
(Letter A. L. Thadani (NRC) to W. J. Johnson, October 24, 1989)	(Acceptance for Referencing of Licensing Topical Report WCAP-11236 Regarding the Westinghouse Boiling-Water-Reactor Transient Analysis Code, "BISON")	(Approval letter)
WCAP-12391-NP-A Letter NS-NRC-89-3472, November 22, 1989. (W. J. Johnson to Robert C. Jones Jr., NRC)	Westinghouse Boiling Water Reactor Emergency Core Cooling System Evaluation Model: Code Description and Qualification October, 1989	Approved
WCAP-12392-NP-A Letter NS-NRC-89-3473, November 22, 1989. (W. J. Johnson to Robert C. Jones Jr., NRC)	Westinghouse Boiling Water Reactor Emergency Core Cooling System Evaluation Model: Code Sensitivity October, 1989	Approved
WCAP-11284-P-A Letter NS-NRC-89-3472, November 22, 1989. (W. J. Johnson to Robert C. Jones Jr., NRC)	Westinghouse Boiling Water Reactor Emergency Core Cooling System Evaluation Model: Code Description and Qualification October, 1989	Approved



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TABLE 1 - Status of Topical Reports Submitted by Westinghouse for BWR Fuel (Cont.)

Westinghouse Id	Title/Description	Review Status
WCAP-11427-P-A Letter NS-NRC-89-3473, November 22, 1989. (W. J. Johnson to Robert C. Jones Jr., NRC)	Westinghouse Boiling Water Reactor Emergency Core Cooling System Evaluation Model: Code Sensitivity October, 1989	Approved
(Letter M W Hodges (NRC) to W J Johnson, August 22, 1989)	(Acceptance for Referencing of Licensing Topical Reports WCAP-11284 and WCAP-11427 Regarding the Westinghouse Boiling Water Reactor Emergency Core Cooling System Evaluation Model)	(Approval letter)
WCAP-11684 Letter NS-NRC-88-3301, January 11, 1988 (W. J. Johnson to M. W. Hodges, NRC)	NUFREQ-NPW: A Westinghouse Computer Code for Core Stability Analysis of Boiling Water Reactors December, 1987	Under review
WCAP-11146 Letter NS-NRC-86-3143, June 30, 1986 (E. P. Rahe to J. Lyons, NRC)	MAZDA-NF - A Parallel Channel Stability Analysis Code for BWR Fuel Assemblies June, 1986	Under review
WCAP-11686 Letter NS-NRC-88-3303, January 11, 1988 (W. J. Johnson to M. W. Hodges, NRC)	A Seismic Evaluation of the Westinghouse QUAD+ Fuel Assembly January, 1988	On hold awaiting ABB Atom BWR Fuel specific information



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TABLE 1 - Status of Topical Reports Submitted by Westinghouse for BWR Fuel (Cont.)

Westinghouse Id	Title/Description	Review Status
WCAP-11500 NS-NRC-87-3253, Letter W J Johnson to M W Hodges, August 28, 1987	Westinghouse Reference Safety Report for BWR Fuel August, 1987	On hold awaiting ABB Atom BWR Fuel specific information



From : Johann Lindner (412)825-9357
Date : 10/24/90
Subject : Review Fees for WCAPs

Our Ref. : ABB-90-410
Your Ref :

Reference :

To : Mr. Aaron Schwartz
Westinghouse Electric Corporation

Dear Mr. Schwartz:

This letter is to inform Westinghouse Electric Corporation that to the best of our knowledge, all outstanding NRC invoices for review of WCAPs have been paid. Specifically, the invoices I1024(dated 7/2/90), I1025 (7/2/90), I1026 (7/2/90), I2026 (8/13/90), I2024 (8/13/90), I2025 (8/13/90), I2029 (8/13/90), and T-166/91 (10/1/90) have been paid as of October 19, 1990.

ABB Atom will continue to pay for NRC review performed for the WCAPs identified in the agreement between Westinghouse Electric Corporation and ABB Atom May 31, 1990 up to the time when these WCAPs have been transferred to ABB Atom. ABB Atom will notify Westinghouse Electric Corporation in writing approximately two weeks before a transfer is considered finished. Such a notification will identify each WCAP for which ABB Atom will not pay any additional review fees following a date specified in the notification.

Best regards,


Johann Lindner
Vice President, Technology and Engineering

Cc: Westinghouse Electric Corporation: J. P. Ducruet;
ABB Atom: P Faxér

ABB Atom Inc.