



Westinghouse
Electric Corporation

Water Reactor
Divisions

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NS-NRC-86-3117
March 26, 1986

Herbert N. Berkow, Director
Standardization and Special Projects Directorate
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Status of Westinghouse PWR Topical Reports for 1986 (Non-Proprietary)

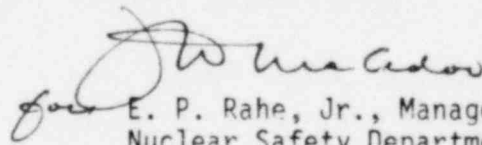
ATTENTION: R. Lobel, Reactor Systems Branch
Section A Leader
Division of Licensing A

Dear Mr. Berkow:

Enclosed are four (4) copies of a summary of the Westinghouse PWR topical reports discussed with R. Lobel, Reactor Systems Branch, Section A Leader, Division of Licensing A, in a status review meeting held on January 12, 1986. Included are Westinghouse submittal dates, plant applications, NRC SER dates and a prioritization for each topical report. In addition, relevant Westinghouse and NRC feedback is provided in a comment section.

Please consider this summary as a reference for the submittal and review of Westinghouse PWR topical reports in 1986.

Very truly yours,


E. P. Rahe, Jr., Manager
Nuclear Safety Department

cc: F. Miraglia (USNRC), Director
Division of Licensing B

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WESTINGHOUSE LICENSING ACTIVITIES REQUIRING NRC REVIEW EFFORT IN 1986

SUBJECT/WCAP/TITLE	SUBMITTAL DATE	W SER NEED DATE	PLANT(S) SER NEED DATE	PRIORITY (H,M,L)	COMMENTS
New methodology/ WCAPs-10965/10966 "ANC: A Westinghouse Advanced Nodal Computer Code"	1-30-86	5-86-6/86	3rd - 4th Quarter 86 Reload Startups	H	NRC working towards a 5/86-6/86 W need date, may be delayed to 7/86- 8/86 time frame.
IFBA Addendum/ WCAP-10444 Addendum 1 "Reference Core Report for VANTAGE 5 Fuel Assy"	12-23-85	2-17-86	Turkey Point Unit 3, Cycle 11 6/86 Start Fuel Fabrication	H	SER completed. March issue of SER expected.
Improved PAD Modeling/ WCAP-10851 P "Improved Fuel Performance Models for W Fuel Rod Design and Safety Evaluations"	6-26-85	By 6-30-86	4th Quarter of 86	H	Rec'd 1st round of Questions Responses to be completed by 3-31-86. If NRCreceives responses by 3/31, NRC sees no problem in meeting 6/30/86 need date.
Rod Bow Letter Report NS-NRC-85-3091 Reduction in BU for Rod Bow Penalties	12-23-85	By 4-1-86	None	M	NRC sees no problem in meeting 4/1/86 need date.

WESTINGHOUSE LICENSING ACTIVITIES REQUIRING NRC REVIEW EFFORT IN 1986

SUBJECT/WCAP/TITLE	SUBMITTAL DATE	W SER NEED DATE	PLANT(S) SER NEED DATE	PRIORITY (H,M,L)	COMMENTS
New Methodology/ WCAP-10951 "WESTAR - An Advanced 3-D Program for T/H Analysis"	1-7-86	By end of 86	None	M	NRC working towards an end of 86 need date. Possible delay till early 87. Argonne Lab. may review.
Steamline Break/ Letter NS-NRC-85-3079 Applicability of W-3 Corr. for Low System Pressures	11-5-85	Mid 86	None	M	Need as required to resolve specific plant licensing concerns. A proposed alternative approach considers only 500-1000 psia data range when calculating steamline break DNBR limit. NRC to issue SER by 7/86.
Nuclear Uncertainties/ WCAP-7308L Letter Report NS-EPR-2900 Responses to NRC Questions	4-5-84	None	None	L	NRC Review in progress. 1st round ques to be sent in Mar. '86
Additional Questions on WCAP-9226, "Reactor Core Response to Excessive Secondary Steam Releases"	4-86	None	None	L	Submittal will contain responses to additional NRC Questions on Topical. No NRC comments

WESTINGHOUSE LICENSING ACTIVITIES REQUIRING NRC REVIEW EFFORT IN 1986

SUBJECT/WCAP/TITLE	SUBMITTAL DATE	W SER NEED DATE	PLANT(S) SER NEED DATE	PRIORITY (H,M,L)	COMMENTS
Trip Functions/ WCAP-8745 "Design Bases for the Thermal OP Δ T and OT Δ T Trip Functions"	11-85	None	None	L	Per NRC SER will be issued by 4/86.
WCAP-7908 - "FACTRAN - Code for Thermal Transients in UO ₂ Fuel Rod	11-29-83	None	None	L	Per NRC, everything looks ok. SER will be issued by 7/86.
Locked Rotor Methodology for Rods in DNB/. Topical to be issued	2nd QTR 86	None	None	M	Need as required to resolve specific plant licensing concerns. NRC agrees with Topical approach for resubmittal of existing information. Issue of DNB failure has some NRC in-house generic concerns beyond application for locked rotor. Undecided on in-house or National Lab review.
Flux Rate Trip Elimination	3rd QTR 86	As soon as NRC can complete review			This new Topical will be an Addendum to WCAP-10297