



Public Service
Company of Colorado

2420 W. 26th Avenue, Suite 100D, Denver, Colorado 80211

February 2, 1987
Fort St. Vrain
Unit No. 1
P-87039

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

Attention: Mr. H. N. Berkow, Director
Standardization and Special
Projects Directorate

Docket No. 50-267

SUBJECT: NRC/PSC Restart Inter-
action Schedule Update

REFERENCE: PSC Letter, Brey to
Berkow, dated 12/12/86
(P-86666)

Dear Mr. Berkow:

With Reference 1 above, PSC submitted to the NRC the "NRC/PSC Restart Interaction Schedule." PSC has updated this schedule to reflect current target dates and recently completed items. The updated NRC/PSC Restart Interaction Schedule is included as Attachment 1 to this letter.

Should you have any questions concerning the updated schedule, please do not hesitate to contact Mr. M. H. Holmes at (303) 480-6960.

Very truly yours,

H. L. Brey, Manager
Nuclear Licensing and
Fuels Division

HLB/KPO:jmt

Attachment

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NRC-PSC RESTART INTERACTION SCHEDULE

02/02/87

ITEM NO.	ITEM DESCRIPTION	PROJECTED SUBMITTAL DATE	ANTICIPATED RESPONSE DATE	NRC ACTION	COMMENTS
1.	SLRDIS TECH. SPEC.				
	Preliminary Telecopy Submittal	COMPLETE	N/A	Review Preliminary Data	Preliminary telecopy provides NRC with an advance copy to evaluate requested wording changes.
	Formal Approved (PORC/NFSC) Submittal	COMPLETE (P-86672)	2/6/87	Review and Approve Submittal	Finalized submittal provides NRC with the official copy to evaluate and approve. Upon receipt of NRC's approval, SLRDIS construction will be completed and SLRDIS will be activated.
2.	EDG INTERDEPENDENCE				
	NRC Staff Meeting	COMPLETE	N/A	Meet with PSC	Meeting will accomplish the following: 1) Discussion of the NRC letter dated 11/12/86 and its requested action items. 2) Discuss with the NRC possible resolutions to the Action Items. 3) NRC and PSC will come to a mutual understanding with respect to design philosophy and objectives.
	Minutes of 12/9/86 meeting sent to PSC	COMPLETE		Minutes of 12/9/86 meeting received by PSC on 1/6/87	Commitments agreed upon in the 12/9/86 meeting will be the basis for PSC's long-term action plan.
	Develop a Long-Term Action Plan	COMPLETE (P-87008)	2/16/87	Review and Concur	This plan will be developed based upon the design objectives identified during the 12/9/86 meeting and a letter of commitment sent to the NRC.

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ITEM NO.	ITEM DESCRIPTION	PROJECTED SUBMITTAL DATE	ANTICIPATED RESPONSE DATE	NRC ACTION	COMMENTS
	NRC Staff Meeting	2/10/87		Complete electrical independence evaluation	Discuss and resolve any outstanding long term action plan issues contained in PSC's submittal P-87008.
	Carry out the Long-Term Action Plan	Long-Term - Will be handled separately from restart issues		Monitor	This effort will accomplish evaluations studies, design changes, implementation actions, etc. identified in P-87008. Status will be tracked against the approved plan and schedule.
3.	TEMPERATURE PROFILES				
	Reactor Building	COMPLETE (P-86664)	1/19/87 (Overdue)	Review and Approve	Submittals are the results of previous discussions with NRC and PNL concerning conservatism and are based upon revised parameters. Anticipated response dates are based upon NRC Preliminary agreement by telecon with official approval via letter in approximately 30-60 days. PSC received letter G-87003, concerning temperature profiles, on January 13, 1987.
	Turbine Building	COMPLETE (P-86673)	1/19/87 (Overdue)	Review and Approve	
4.	EQ AUDIT				
	Preliminary Document Audit Module Submittal	COMPLETE	N/A	Preliminary Procedure Review	A preliminary submittal of applicable EQ documentation for review and familiarization by the NRC I&E EQ Audit Team.
	Preliminary EQ Audit Meeting	COMPLETE	COMPLETE		Information Exchange meeting at Region IV, Arlington, Texas. Preliminary EQ documentation provided to NRC.

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	I&E EQ Program Audit	COMPLETE	COMPLETE	Perform EQ Program Audit	Exit meeting will provide information pertinent to identified open items which must be resolved, completed, etc. before EQ Program can be approved.
	EQ Program Completion Certification Letter	2/20/87	3/1/87	See Item 14	Provide the NRC with a letter stating that all equipment within the scope of 10CFR50.49 has been identified and is environmentally qualified.
5.	NRC COMMISSIONERS MEETING	2/26/87		Approve Restart of FSV	Meeting will provide the status of EQ, the management improvement program, startup technical issues and Power Ascension Plan.
6.	POWER ASCENSION PLAN	COMPLETE (P-87038)	3/1/87 3/15/87	Commission Approval for initial restart Staff Approval for 35% power operation. PSC anticipates that this will include a 10% power hold to allow Region IV to verify that FSV should be allowed to operate at 35%.	Plan identifies power levels and prerequisites for each power level.

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ITEM NO.	ITEM DESCRIPTION	PROJECTED SUBMITTAL DATE	ANTICIPATED RESPONSE DATE	NRC ACTION	COMMENTS
			4/1/87	Region IV 10% power hold release.	
			4/15/87	NRC Staff approval to operate FSAR at 82% power level.	
7.	SAFE S/D COOLING				
	P1% Submittal	COMPLETE (P-86682)	N/A		For NRC information only. Some information may be used as references for 82% submittal evaluation.
	Preliminary 82% Submittal	COMPLETE (P-86683)	4/15/87	Staff Review and Approval	Staff Review for technical accuracy will be a prerequisite for power ascension above the P1% level.
	Supplemental 82% Submittal	2/12/87	4/15/87	Staff Review and Approval	The Reheater Tech Spec relies on the analyses in the 82% submittals.
	Reheater Tech Spec	COMPLETE (P-87002)	4/15/87	Staff Review and Approval	Requests removal of reliance on the reheater sections of the steam generators for Safe Shutdown Cooling. Will require formal Public Comment and Docketing - minimum of 90 days.
8.	82% CONFIRMATORY ANALYSES				Analyses support reheater Tech Spec Amendment Request
	EES Transient Analysis	2/6/87	N/A	For NRC Information Only	Reanalyzes accidents/transients, other than Safe Shutdown Cooling with Firewater, which rely on the EES sections for

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ITEM NO.	ITEM DESCRIPTION	PROJECTED SUBMITTAL DATE	ANTICIPATED RESPONSE DATE	NRC ACTION	COMMENTS
					decay heat removal. Analysis being done to support operation at 82% power level.
	Wrong Loop Dump Analysis	2/6/87	N/A	For NRC Information Only	Reanalyzes the steam generator tube leak with wrong loop dump accident scenario. Analysis being done to support operation at 82% power level.
9.	CHERNOBYL				
	Update Report	COMPLETE (P-86641)	2/20/87	Review and Approve	Staff review to determine that safety issues brought up in the IAEA Report on Chernobyl which relate to use of graphite as the major core structural material at FSV have been adequately addressed.
10.	STARTUP ISSUE IDENTIFICATION and COMPLETION SCHEDULE	COMPLETE (P-87012)			For NRC information. PSC will provide the NRC with twice monthly updates to this schedule.
11.	PEP UPDATE	COMPLETE			PEP Status Review - Arlington, Texas.
12.	SUPPLEMENTAL LER 86-021 - Single failure points identified in firewater cooling flowpaths	COMPLETE (P-87022)	N/A	N/A	Corrective action is to install one additional isolation valve in each of the three single failure areas identified in the firewater cooling flowpaths.
13.	I&E BULLETIN 86-02 Static "O" Ring Differential Pressure Switches	2/15/87		Review PSC's response	PSC's response will provide NRC additional information concerning actions PSC plans to take in response to I&E Bulletin 86-02.

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ITEM NO.	ITEM DESCRIPTION	PROJECTED SUBMITTAL DATE	ANTICIPATED RESPONSE DATE	NRC ACTION	COMMENTS
14.	35% POWER ISSUES				
	Power Restriction Commitment Letter	COMPLETE (P-87038)	3/1/87	NRC Commission approval for PSC to operate FSV at full power, but according to NRC Staff restrictions.	PSC's letter will document PSC's intent to operate FSV per the NRC Staff's restrictions