

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9004100288 DOC. DATE: 90/03/29 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH. NAME AUTHOR AFFILIATION
 SORESEN, G.C. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 MARTIN, J.B. Region 5, Ofc of the Director

SUBJECT: Forwards revised schedule for plant equipment setpoint methodology program plan.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5
 TITLE: OR Submittal: General Distribution

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD5 LA	1 1	PD5 PD	1 1
	SAMWORTH, R	5 5		
INTERNAL:	ACRS	6 6	NRR/DET/ECMB 9H	1 1
	NRR/DOEA/OTSB11	1 1	NRR/DST 8E2	1 1
	NRR/DST/SELB 8D	1 1	NRR/DST/SICB 7E	1 1
	NRR/DST/SRXB 8E	1 1	NUDOCS-ABSTRACT	1 1
	OC/LFMB	1 0	OGC/HDS2	1 0
	<u>REG FILE 01</u>	1 1	RES/DSIR/EIB	1 1
EXTERNAL:	LPDR	1 1	NRC PDR	1 1
	NSIC	1 1		

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 27. ENCL 25

MA-4

WASH DC



100

7



WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

March 29, 1990

G02-90-062

Mr. J. B. Martin
Regional Administrator
U.S. Nuclear Regulatory Commission
Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596

Dear Mr. Martin:

Subject: NUCLEAR PLANT NO. 2, OPERATING LICENSE NPF-21
WNP-2 EQUIPMENT SETPOINT METHODOLOGY PROGRAM PLAN

Reference: Letter, G02-90-029, GC Sorensen (SS) to JB Martin (NRC),
same subject, dated February 20, 1990

In the reference letter the Supply System committed to provide a new schedule for both the harsh environment accuracy effects as well as the overall equipment setpoint methodology program plan within 30 days. This revised schedule was required because of the delays in executing the contract with Bechtel and mobilizing qualified personnel to do the work. The purpose of this letter is to provide our revised schedule.

The setpoint program design team for FY90 is on site, trained, and began work on this effort March 12, 1990. Additionally, the methodology has been revised to incorporate the latest ISA standard draft (December 1989) and the Supply System is presently completing efforts with Bechtel Corporation to computerize the setpoint calculation effort. These additional efforts have resulted in the attached schedule which does not limit the original harsh environment schedule slip to 60 days as had been expected. The Supply System is considering the possibility of adding additional resources in order to increase our confidence that the new schedule will be maintained.

9004100288 900329
PDR ADOCK 05000397
P PDC

A001
4/1

As shown by the attached schedule, inclusion of harsh environment accuracy utilizing recent ISA standard methodology has first priority in the overall program. This effort will require recalculation of setpoints (instrumentation and electrical equipment) for approximately 240 equipment pieces. Retrieval of applicable design basis information for this equipment is underway and the magnitude of the effort can only be estimated at this time. Until such time that we can quantify the data retrieval effort based upon actual experience the harsh environment schedule has been extended to account for this potential difficulty.

The Supply System is working very diligently to attempt to meet the attached schedules. These schedules are based on best estimates and are predicated on availability of data. In some cases, completion of the scheduled work may result in the initiation of new work, making it very difficult to say with absolute certainty that the scheduled date of October 31, 1990 for 100% completion of harsh environment setpoint work can be maintained.

The Supply System will advise you as to any concerns with the schedule viability as the magnitude of the program becomes quantifiable through actual experience.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

HLA/bk
Attachment

cc: NS Reynolds - BCP&R
RB Samworth - NRC
DL Williams - BPA
Document Control Desk - NRC
NRC Site Inspector - 901A

4.0 MILESTONES/RESPONSIBILITIES/SCHEDULES

The organizations/departments listed below are responsible for completing the following program scope elements within the scheduled completion dates.

4.1 Methodology Determination Considering Scope Elements

- a. Review industry methods including April 1989 ISA draft for application to WNP-2.

Responsible Organization - Generation Engineering, Electrical/I&C Systems

Task Completion Date: August 4, 1989 (Completed)

- b. Incorporate ISA Revision 5 (December 1989) draft.

Responsible Organization - Generation Engineering, Electrical/I&C Systems

Task Completion Date: February 1, 1990 (Completed)

- c. Formulate I&C/Electrical equipment methodology.

Responsible Organization - Generation Engineering (with input from Plant Technical and Equipment Engineering) Electrical/I&C Systems

Task Completion Date: September 1, 1989 (Completed)

- d. 1) Assemble methodology
2) Issue associated Engineering Standard
3) Provide setpoint calculation computer program

Responsible Organization - Generation Engineering, Electrical/I&C Systems and Bechtel Power Corp (computer program)

Task Completion Dates: 1) January 1, 1990 (Completed)
2) April 20, 1990
3) April 30, 1990

4.2 NRC Staff Approval

Provide NRC (NRR) Staff WNP-2 methodology for review.

Responsible Organization - Licensing

Task Completion Date: May 11, 1990

4.3 Equipment Identification

- a. 1) List of safety related equipment requiring setpoint calculations.
- 2) List of safety related equipment requiring consideration of harsh environment effects.

Responsible Organization - Generation Engineering, Electrical/I&C,
Mechanical and Nuclear Systems

Task Completion Date: 1) November 30, 1990
2) October 31, 1989 (Completed)

- b. Perform safety analysis to indicate safety function completion times for equipment located in harsh environments.

Responsible Organization - Generation Engineering, Electrical/I&C
Systems with review by Mechanical and
Nuclear Systems

Task Start Date: November 1, 1989 (Completed)

Task Completion Date: December 31, 1989 (Completed)

4.4 Recalculate Setpoint to Include Environmental Accuracy Effects

Responsible Organization - Generation Engineering with aid (if required)
by Equipment Engineering

Task Completion Date: October 31, 1990

4.5 Qualification Test Determination and Retest

Responsible Organization - Equipment Engineering

Task Completion Date: To Be Scheduled

4.6 Consolidate/Reconcile Setpoint Calculations

Identify equipment with existing multiple setpoint calculations and supersede as appropriate (including ISCR's).

Responsible Organization - Generation Engineering, Assigned System
Engineers and Plant Technical

Task Complete Date: June 1, 1992

4.7

Setpoint Calculations for Other than Harsh Environment Safety Related Equipment

Responsible Organization - Generation Engineering, provide setpoint calculations, Assigned System Engineers

Plant Technical to review and revise Master Data Sheets

Task Start Date: November 1, 1990 - (Focus on Technical Specification equipment to support implementation of the Improved Technical Specification submittal).

Task Complete Date: June 1, 1992

4.8

Recalibration for Harsh Environment Equipment (if required)

Responsible Organization - Plant Technical/Maintenance

Task Completion Date: January 31, 1991

4.9

Recalibration of Equipment for Other than Harsh Environment Equipment

Responsible Organization - Plant Technical/Maintenance

Task Completion Date: December 1, 1992