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 AUTH. NAME: AUTHOR AFFILIATION  
 BOUCHEY, G. D. Washington Public Power Supply System  
 RECIP. NAME: RECIPIENT AFFILIATION  
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Responds to 810601 request for status on 1S criteria re:  
 control room completion to allow scheduling of NRC human  
 factors design review. Expected deadline 1st encl. Requests  
 NRC proceed per Mar 1982 SE & Dec 1982 fuel load dates.

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1. The first part of the report is a general statement of the purpose and scope of the study. It is followed by a brief review of the literature on the subject. The third part of the report is a description of the methods used in the study. This is followed by a presentation of the results of the study. The final part of the report is a discussion of the results and their implications.

The purpose of this study was to determine the effect of the independent variable on the dependent variable. The scope of the study was limited to the following conditions:

The methods used in this study were the following:

The results of the study are presented in the following table:

Source	Date	Description	Amount	Balance	Total
1	1	1	1	1	1
2	2	2	2	2	2
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## Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

July 13, 1981  
G02-81-175  
NS-L-GCS-81-201

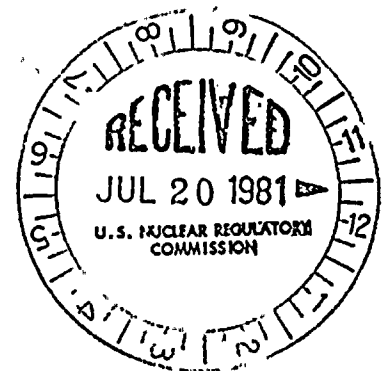
Docket 50-397

Director, Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. A. Schwencer, Chief  
Licensing Branch No. 2

Subject: HUMAN FACTORS CONTROL ROOM DESIGN  
REVIEW/SITE VISIT WASHINGTON PUBLIC  
POWER SUPPLY SYSTEM PROJECT NO. 2

Ref.: 1) NRC letter, R.L. Tedesco to R.L. Ferguson,  
same subject, dated June 1, 1981.  
2) Letter, G.D. Bouchey to D.G. Eisenhut,  
subject "Fuel Load Schedule for Nuclear  
Project No. 2", dated May 13, 1981.



Dear Mr. Schwencer:

Reference 1) requested status on 15 criterion relative to WNP-2 control room completion in order to allow scheduling of an NRC human factors control room design review. The attached listing indicates for each criterion the expected time, relative to WNP-2 fuel load, when the criterion will be met.

In determining the schedule for the WNP-2 control room design review, it is requested that the NRC proceed based on an SER issuance of March 1982 and a target fuel load date of December 1982 (see reference 2).

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Mr. A. Schwencer

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To aid in the NRC's assessment of the WNP-2 human factors control room design program, a preliminary control room design report will be forwarded for NRC review prior to the end of this year with a final report to follow upon final issuance of NUREG-0700.

Should you have any questions regarding this letter, please contact me.

Very truly yours,



G. D. Bouchey  
Director, Nuclear Safety

GDB:PLP:nm

cc: HR Canter, B&R (RO)  
WS Chin, BPA  
AI Cygelman, B&R (Site)  
OK Earle, B&R (RO)  
J Ellwanger, B&R (Woodbury)  
JA Forrest, B&R (RO)  
M Izaak, WPPSS (NY)  
ND Lewis, EFSEC (Olympia)  
FA MacLean, GE  
NS Reynolds, D&L  
RE Snaith, B&R (NY)  
S Smith, GE  
JJ Verderber, B&R (NY)



## C R I T E R I A

Expected Deadlines  
(by date or months prior to fuel load)

1. Control room construction and checkout	3
2. System turnover	4
3. Normal and emergency lighting	4
4. Air conditioning and ventilation	9/82
5. Control boards and display panel	3
6. Emergency Operating Procedures	3
7. Licensed operators available	3
8. Annunciators	5
9. Remote shutdown panel	6
10. Incore thermocouples	N/A to BWR
11. Preliminary Report	10/81 (preliminary report) 3 (final report)
12. Control room layout drawing	(see criteria 11)
13. Emergency Operating Procedures	(see criteria 6)
14. Process computer	6
15. Operator workspace	3

