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 AUTH. NAME AUTHOR AFFILIATION
 SORESEN, G.C. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Submits supplemental info re 840815 request for amend to
 Licensing Condition 2.C.(11) concerning shield wall deferral.
 Workers will not be required to enter areas in vicinity of
 deferred shielding to mitigate action following LOCA.

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October 10, 1984
G02-84-535

Docket No. 50-397

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

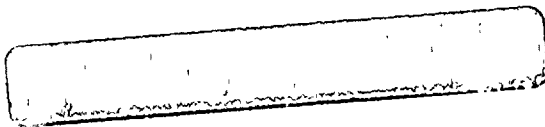
Dear Mr. Schwencer:

Subject: NUCLEAR PLANT NO. 2
OPERATING LICENSE NPF-21; REQUEST FOR AMENDMENT
TO LICENSING CONDITION 2.C.(11), SHIELD WALL
DEFERRAL, SUPPLEMENTAL INFORMATION

Reference: Letter, G02-84-456, G. C. Sorensen (SS) to A.
Schwencer (NRC), same subject, dated August 15, 1984

As requested during a phone conversation between Messrs. R. Auluck and C. Hinson of your staff and P. Powell, L. Sharp, and P. Macbeth (SS) on October 5, 1984, the following supplemental information to the referenced amendment request is provided.

1. The action level for imposing access controls to areas within WNP-2 because of elevated exposure rates is 2.5 mR/hr. Wherever radiation levels exceed this value, access is controlled by use of signed and locked doors or radiation ribbons and signs prohibiting entrance without prior health physics notification and completion of all required radiation work permit procedures. Whenever radiation levels at zone boundaries as defined in Chapter 12.3 of the WNP-2 Final Safety Analysis Report are increased above the pertinent zone levels, as detected by our ongoing health physics surveillance program, use of additional shielding is evaluated. In the specific cases of the subject deferred shield walls and window, the existing design for these shields would be implemented if the associated radiation levels outside the walls exceed 2.5 mR/hr. (Of course, the radiation sources causing the elevated levels would be removed or mitigated, as by flushing the contents of tanks, etc., to the degree possible prior to actual shield wall or window construction.)



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A. Schwencer

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SHIELD WALL DEFERRAL, SUPPLEMENTAL INFORMATION

2. The Supply System has evaluated vital area access paths (see Appendix J of the WNP-2 Final Safety Analysis Report) and in no case following a LOCA accident will workers be required to enter areas in the vicinity of the deferred shielding to mitigate the course of the accident.
3. For items 1, 2, and 4 on attachment 3 provided by the reference (the spent resin tank, spare demineralizer, and east end of the main condenser), engineering direction has been issued to install these shield walls. Construction will be completed by December 20, 1984.

With regard to the remaining shield deferrals, there is no additional risk of unacceptable personnel exposures at WNP-2 from deferral of installation. The WNP-2 ongoing ALARA reviews and radiation level surveillance programs are adequate to prevent unnecessary exposures due to deferral of the subject shield walls and window.

Should you have any further questions, please contact Mr. P. L. Powell, Manager, WNP-2 Licensing.

Very truly yours,



G. C. Sorensen, Manager
Regulatory Programs

PLP/tmh

cc: R Auluck - NRC
WS Chin - BPA
JB Martin - NRC RV
AD Toth - NRC Site

