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 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Submits changes to 821004 submittal of Rev 1 to "Control of Heavy Loads, Safe load path for cattle chute will be shown in Plant Procedure 10.3.5."

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Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000
February 23, 1983
G02-83-166

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 PROJECT NO. 2
CONTROL OF HEAVY LOADS, REVISION 2

Reference: G02-82-824, G.D. Bouchey (SS) to A. Schwencer (NRC),
"Control of Heavy Loads, Revision 1, Submittal of",
dated October 4, 1982

The following changes to the referenced letter were agreed to in a conference call between Messrs. J. Ridgely (NRC), B. Dixon (EG&G), R.M. Nelson (SS), and J.W. Hedges (SS):

MT-CRA-1:

The use of the turbine building crane while the plant is operating will be controlled by a formal procedure which will include a safe load path that keeps all movement of loads from passing over the operating turbines and generators.

MT-CRA-6A, 6B:

Plant Procedure 10.16.1, "Standby Service Water Pump Overhaul", and 10.16.2, "HPCS Service Water Pump Overhaul", will be modified to include specific safe load paths.

MT-HOI-19A, B, C:

The procedure for handling main steam relief valves (not yet written) will include the requirement to place the RHR supply of water to the reactor on "A" loop.

MT-HOI-16:

The procedure for removing and reinstalling the reactor recirculation motors will include instructions for having the alternate RHR system shutdown cooling path available.

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RHR Monorails:

The removal of a RHR heat exchanger will be a major and complex job when and if it should ever occur. The existing monorails (20 ton) are not adequate to handle a 34 ton (dry weight) heat exchanger. Significant engineering leading to finalized procedures, including control of the heavy load around the spent fuel pool will be required when the scope of replacement or repair to RHR heat exchangers is determined.

Disclaimer:

Cranes and hoists not listed in Table 1 do not pass over spent fuel and are physically separated far enough from safe shutdown equipment to preclude damage to such equipment.

Stud Tensioner and Spreader:

Plant Procedure 10.3.5 will be changed to include a safe load path for the stud tensioner and spreader.

2.1.3.6 - Safe Load Paths:

Load handling operations involving critical lifts will have a person in charge who is independent of the crane or hoist operator, thus providing an independent check of interferences where no load paths are marked, such as on the refueling floor.

Safe Load Path - Cattle Chute:

The safe load path for the cattle chute will be shown in Plant Procedure 10.3.5.

Safe Load Path - HPCS:

The HPCS hoisting system is a single hoist on a monorail and thus should not require a special load path drawing.

2.1.3(d) - Lifting Devices (Not Specially Designed); Guideline 5, NUREG-0612, Article 5.1.1.(5):

Change the second sentence to read: "These slings comply with ANSI B30.9 and include a 15% allowance for dynamic loads."

2.1.3(c) - Cranes (Inspection, Testing, and Maintenance); Guideline 6, NUREG-0612, Article 5.1.1(6):

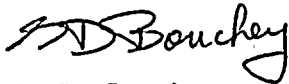
Change the first sentence of the second paragraph to read: "Plant Procedures 10.4.1 (Enclosure 5) lists the inspection, testing, and maintenance, requirements for plant cranes."

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Electrical Inspection:

Plant Procedure 10.25.11, "Reactor Building Crane Maintenance Procedure" (Electrical) has been written to meet the requirement of ANSI B30.2.0 - Section 2-2.1.3.i. Preventive maintenance programs covering these same inspections will be developed for other cranes and hoists listed in Table 1.

Very truly yours,



G. D. Bouchey
Manager, Nuclear Safety and Regulatory Programs

JWH/jca

cc: R Auluck - NRC
WS Chin - BPA
A Toth - NRC Site
J Ridgely - NRC
B Dixon - EG&G

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