REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8504050203 DOC.DATE: 85/03/29 NOTARIZED: NO DOCKET #
FACIL:50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
AUTH.NAME AUTHOR AFFILIATION
SORENSEN,G.C. Washington Public Power Supply System
RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Advises that util completed environ qualification of electrical equipment satisfying license Condition 28,Program for continuing equipment qualification listed.

DISTRIBUTION CODE: A048D COPIES RECEIVED:LTR 1 ENCL 0 SIZE: 3
TITLE: OR/Licensing Submittal: Equipment Qualification

NOTES: 05000397
OL:12/20/83

	RECIPIENT ID CODE/NAME		COPIES LTTR	COPIES ENCL	RECIPIENT ID CODE/NAME		COPIES LTTR	COPIES ENCL
	NRR LB2 BC	12	1	0	AULUCK,R	01	1	1
INTERNAL:	ACRS	15	8	8	ADM/LFMB		1	0
	ELD/HDS2	12	1	1	ELD SHIELDS,W		1	1
	GC	13	1	1	NRR KARSCH,R		1	1
	NRR/DE/EQB	07	2	2	~~NRR/DL DIR~~	14	1	1
	NRR/DSI/AEB		1	1	REG FILE	04	1	1
	RGN5		1	1				
EXTERNAL:	LPDR	03	1	1	NRC PDR	02	1	1
	NSIC	05	1	1				

TOTAL NUMBER OF COPIES REQUIRED: LTTR 24 ENCL 22

[illegible]

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

March 29, 1985
G02-85-181

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, LICENSE CONDITION 28,
ENVIRONMENTAL QUALIFICATION

Refernces:
1) Letter, G02-85-019, G. C. Sorensen (SS) to A. Schwencer (NRC), "Request for Amendment to License Condition 16, Attachment 2, Item 3(b)", dated January 11, 1985
2) Letter, G02-85-021, G. C. Sorensen (SS) to A. Schwencer (NRC), "Request for Amendment to License Condition (28) and Environmental Qualification 10 CFR 50.49(h) Notification", dated January 17, 1985
3) Letter, G02-85-048, G. C. Sorensen (SS) to A. Schwencer (NRC), "Request for Amendment to License Condition (28)", dated January 30, 1985
4) Letter, G02-85-122, G. C. Sorensen (SS) to A. Schwencer (NRC), "Clarification of Request for Amendment to License Condition (28)", dated March 8, 1985
5) Letter, G02-85-152, G. C. Sorensen (SS) to A. Schwencer (NRC), "Regulatory Guide 1.97 Equipment", dated March 21, 1985

The subject License Condition requires that:

> "Prior to March 31, 1985, the licensee shall environmentally qualify all electrical equipment according to the provisions of 10 CFR 50.49."

References 1) and 2) requested amendment to the Operating License so that environmental qualification of specific equipment could be accomplished at a later date with minimum impact to the plant operating schedule. References 3) and 4) provided supplemental information to Reference 2). Reference 5) provided a listing of equipment to be qualified in accordance with the schedule provided for Regulatory Guide 1.97, Rev. 2, equipment (License Condition 16, Attachment 2, Item 3(a)).

A048
1/0

Reference 4) stated that RCIC downgrade would be completed prior to March 31, 1985, so that RCIC component qualification would not be necessary. This downgrade has been completed. The high drywell pressure signal has been eliminated from the ADS initiation logic thereby making ADS initiation automatic upon timer runout, without operator action. Thus, with ADS automatic, in conjunction with the existing low pressure ECCS systems, redundancy to the HPCS under all high pressure, level decreasing events is assured. As a result, reliance on RCIC as a backup to HPCS is no longer required and RCIC downgrade is complete.

Accordingly, with the exception of that equipment noted in References 1) through 5), the Supply System has completed environmental qualification of all electrical equipment as required by License Condition 28; thereby satisfying said condition.

The Supply System has a program for continuing equipment qualification which will:

1. Evaluate and establish equipment qualification for design changes to the plant in a timely manner. These design changes include:

    - Modifications to the plant design that add, modify, relocate, or delete equipment in the plant for plant betterment.

    - Modifications to environmental control systems that alter environmental profiles to which equipment has previously been qualified.

    - Modifications that are required because of Regulatory and License Condition requirements.

    - Design changes that result in upgraded classification of existing plant equipment to equipment important to safety, 10 CFR 50.49(b) scope.

    - Design changes to address IEBs and IENs that affect the plant.

2. Establish qualified life and extension of qualified life through ongoing qualification and maintenance activities.

3. Evaluate replacement equipment to the upgrade provision of 10 CFR 50.49(l).

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

Very truly yours,

GC Sorensen

G. C. Sorensen, Manager
Regulatory Programs

PLP/tmh

cc: R Auluck - NRC
J Bradfute - NRC
WS Chin - BPA
JD Martin - NRC RV
E Revell - BPA
AD Toth - NRC Site