

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

MAY

ACCESSION NBR: 8311070303 DOC. DATE: 83/10/28 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
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 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Documents applicability of battery level correction only for levels out of spec & provides basis for not applying level correction to specific gravity, provided battery levels maintained within spec.

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THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE BY THE MARKING.

LEVELS OF BATTERY CHARGE INDICATED BY THE BATTERY CHARGE INDICATOR (BCI) ARE FOR INFORMATION ONLY. THE BATTERY CHARGE INDICATOR DOES NOT PROVIDE DATA FOR NOT OPERATIONAL LEVELS.

THE BATTERY CHARGE INDICATOR (BCI) IS A BATTERY CHARGE INDICATOR (BCI) WHICH PROVIDES DATA FOR NOT OPERATIONAL LEVELS.

TABLE

GROUP	LEVEL	DESCRIPTION	GROUP	LEVEL	DESCRIPTION
1	1	100%	1	1	100%
1	1	90%	1	1	90%
1	1	80%	1	1	80%
1	1	70%	1	1	70%
1	1	60%	1	1	60%
1	1	50%	1	1	50%
1	1	40%	1	1	40%
1	1	30%	1	1	30%
1	1	20%	1	1	20%
1	1	10%	1	1	10%
1	1	0%	1	1	0%
1	1	10%	1	1	10%
1	1	20%	1	1	20%
1	1	30%	1	1	30%
1	1	40%	1	1	40%
1	1	50%	1	1	50%
1	1	60%	1	1	60%
1	1	70%	1	1	70%
1	1	80%	1	1	80%
1	1	90%	1	1	90%
1	1	100%	1	1	100%

Washington Public Power Supply System

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

October 28, 1983
G02-83-983

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
BATTERY ELECTROLYTE SPECIFIC GRAVITY
SURVEILLANCE REQUIREMENT

Reference: NUREG-0123, Standard Technical Specifications for
GE Reactors (BWR-5), LCO 3/4.8.2.1, Table 4.8.2.1-1

During the Proof and Review process for the WNP-2 Technical Specification, the Supply System requested that the level correction portion of note (a) in the referenced table be deleted. The note requires temperature and level corrections to be made when determining electrolyte specific gravity. The WNP-2 battery vendor does not provide or recommend correction factors for water level, and IEEE 450-198 (page 13 of Appendix A) relies upon vendor supplied level correction factor data. The level correction requirement appeared not to apply to the WNP-2 battery design. Subsequent discussions with NRC PSB personnel via Don Hoffman have provided the interpretation that a level correction would be applicable only when the surveillance is performed on a battery with a level outside that specified in the referenced table. The

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A. Schwencer

Page Two

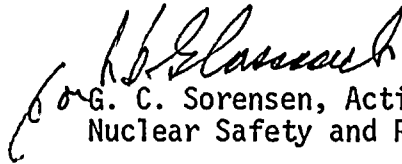
October 28, 1983

BATTERY ELECTROLYTE SPECIFIC GRAVITY SURVEILLANCE REQUIREMENT

Supply System concern is that the as-written requirement does not provide this interpretation. This letter then documents the applicability of the level correction only for levels out of specification and provides the Supply System with a basis for not applying a level correction to specific gravity, provided the battery levels are maintained within specification. Additionally, a correction to note (a) of the reference table is requested.

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

Very truly yours,



G. C. Sorensen, Acting Manager
Nuclear Safety and Regulatory Programs

MRW/tmh

cc: R Auluck - NRC
WS Chin - BPA
D Hoffman - NRC
AD Toth - NRC Site

