

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8311070303 DOC. DATE: 83/10/28 NOTARIZED: NO DOCKET #
 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Power 05000397
 AUTH. NAME: SØRENSEN, G.C. AUTH. AFFILIATION: Washington Public Power Supply System
 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.

DISTRIBUTION CODE: B001S COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: Licensing Submittal: PSAR/FSAR Amdts & Related Correspondence

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL		RECIPIENT ID CODE/NAME	COPIES LTR ENCL
	NRR/DL/ADL	1		NRR LB2 BC	1
	NRR LB2 LA	1		AULUCK, R. 01	1
INTERNAL:	ELD/HDS2	1		IE FILE	1
	IE/DEPER/EPB 36	3		IE/DEPER/IRB 35	1
	IE/DEQA/QAB 21	1		NRR/DE/AEAB	1
	NRR/DE/CEB 11	1		NRR/DE/EHEB	1
	NRR/DE/eqB 13	2		NRR/DE/GB 28	2
	NRR/DE/MEB 18	1		NRR/DE/MTEB 17	1
	NRR/DE/SAB 24	1		NRR/DE/SGEB 25	1
	NRR/DHFS/HFEB40	1		NRR/DHFS/LQB 32	1
	NRR/DHFS/PSRB	1		NRR/DL/S3PB	1
	NRR/DSI/AEB 26	1		NRR/DSI/ASB	1
	NRR/DSI/CPB 10	1		NRR/DSI/CSB 09	1
	NRR/DSI/ICSB 16	1		NRR/DSI/METB 12	1
	NRR/DSI/PSB 19	1		NRR/DSI/RAB 22	1
	NRR/DSI/RSB 23	1		REG FILE 04	1
	RGN5	3		RM/DDAMI/MIB	1
EXTERNAL:	ACRS 41	6		BNL (AMDTS ONLY)	1
	DM6/DSS (AMDTS)	1		FEMA-REP DIV 39	1
	LPDR 03	1		NRC PDR 02	1
	NSIC 05	1		NTIS	1

TOTAL NUMBER OF COPIES REQUIRED: LTR 53 ENCL 0

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:

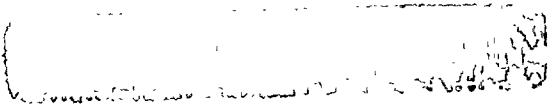
Subject: NUCLEAR PROJECT NO. 2
BATTERY ELECTROLYTE SPECIFIC GRAVITY
SURVEILLANCE REQUIREMENT

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

13001
1/0

8311070303 831028
PDR ADOCK 05000397
A PDR



A. Schwencer

Page Two

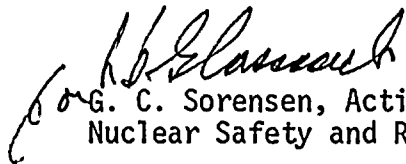
October 28, 1983

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

