

SURVEILLANCE REQUIREMENTS (Continued)

d. At least once per 18 months, during shutdown, by verifying that either:

1. The battery capacity is adequate to supply and maintain in OPERABLE status all of the actual emergency loads for 2 hours for Divisions 1, 2 and 3 when the battery is subjected to a battery service test, or
2. The battery capacity is adequate to supply a dummy load of the following profile while maintaining the battery terminal voltage greater than or equal to 21 volts for the ± 24 -volt battery, 105 volts for the 125-volt battery, and 210 volts for the 250-volt battery, and 105 volts for the 125-volt Div. 3 battery.

(MINIMUM
amperage)

REPLACE WITH
ATTACHED
PROFILE

BATT SYS	TIME	0-3 sec	3-13 sec	13-30 sec	30-60 sec	1-60 min	1-2 hr
± 24 v		17	17	17	17	17	17
125 v Div 1		252	237	153	86	86	
125 v Div 2		224	209	225	99	99	
125 v Div 3		73.4	73.4	73.4	73.4	18.4	19.4
250 v		1462	567	567	567	432	396

- e. At least once per 60 months during shutdown by verifying that the battery capacity is at least 80% of the manufacturer's rating when subjected to a performance discharge test. At this once per 60-month interval, this performance discharge test may be performed in lieu of the battery service test.
- f. At least once per 18 months during shutdown performance discharge tests of battery capacity shall be given to any battery that shows signs of degradation or has reached 85% of the service life expected for the application. Degradation is indicated when the battery capacity drops more than 10% of rated capacity from its average on previous performance tests, or is below 90% of the manufacturer's rating.

BATTERY (VOLTS/DIV)	SECONDS 0-6	SECONDS 6-15	SECONDS 15-60	MINUTES 1-2	MINUTES 2-60	MINUTES 60-119	MINUTES 119-120
B0-1A/-1B ($\pm 24V/DIV1$)	17.0	17.0	17.0	17.0	17.0	17.0	17.0
B0-2A -2B ($\pm 24V/DIV2$)	17.0	17.0	17.0	17.0	17.0	17.0	17.0
B1-1. (125V/DIV1)	436	232	232	143	143	143	276
B1-2 (125V/DIV2)	288	221	221	166	166	166	225
B2-1 (250V/DIV1)	1307	1307	526	503	481	445	613
HPES DUTY CYCLE	SECONDS 0-13	SECONDS 13-20	SECONDS 20-60				
B1-HPES (125V/DIV3)	55.1	75.6	15.6	15.6	15.6	16.0	16.0

NEW TABLE FOR PARAGRAPH: 4.8.2.1.d.2.

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WNP-2 TECH SPECS

CHECKED
INITIALS/DATE

2-21-88

8 3 0 1 2

STATE OF WASHINGTON)
COUNTY OF BENTON)

Subject: DC. Sources

I, G. C. Sorensen, being duly sworn, subscribe to and say that I am the Manager, Regulatory Programs for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that I have full authority to execute this oath; that I have reviewed the foregoing; and that to the best of my knowledge, information and belief the statements made in it are true.

DATE 18 MARCH, 1988

G. C. Sorensen
G. C. Sorensen, Manager
Regulatory Programs

On this day personally appeared before me G. C. Sorensen to me known to be the individual who executed the foregoing instrument and acknowledged that he signed the same as his free act and deed for the uses and purposes herein mentioned.

GIVEN under my hand and seal this 18th day of March 1988.



S. R. Michaels
Notary Public in and for the STATE
OF WASHINGTON

Residing at Richland, WA.
Dec 89



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