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 (Minimum amperage) based on anticipated loads required during loss-of-offsite power (LOSP) and loss-of-coolant accident (LOCA) conditions as described in the Final Safety Analysis Report 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.

(Relocated to FSAR)

~~BATTERY (VOLTS/DIV)~~	~~SECONDS 0-6~~	~~SECONDS 6-15~~	~~SECONDS 15-60~~	~~MINUTES 1-2~~	~~MINUTES 2-60~~	~~MINUTES 60-119~~	~~MINUTES 119-120~~
BO-1A/-1B (±24V/Div 1)	24	24	24	24	24	24	24
BO-2A/-2B (±24V/Div 2)	24	24	24	24	24	24	24
B1-1 (125V/DIV 1)	570	260	260	180	180	180	276
B1-2 (125V/DIV 2)	400	230	230	185	185	185	241
B2-1 (250V/DIV 1)	1320	1320	520	505	480	444	574

HPCS DUTY CYCLE	SECONDS 0-13	SECONDS 13-20	SECONDS 20-60
~~B1-HPCS (125V/DIV 3)~~	~~70.3~~	~~75.6~~	~~15.6~~

~~15.6~~	~~15.6~~	~~16.0~~	~~16.0~~

e. At least once per 60 months during shutdown by verifying that the battery capacity is at least 80% (83.4% for the 250 Volt battery) 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% (93.4% for the 250 Volt battery) of the manufacturer's rating.

(Attachment 1)

TABLE 8.3-7

BATTERY LOAD PROFILES UTILIZED TO VERIFY
OPERABILITY PER TECHNICAL SPECIFICATION
SURVEILLANCE REQUIREMENT 4.8.2.1.d.2

BATTERY (VOLTS/DIV)	SECONDS 0-6	SECONDS 6-15	SECONDS 15-60	MINUTES 1-2	MINUTES 2-60	MINUTES 60-119	MINUTES 119-120
BO-1A/-1B (±24V/Div 1)	24	24	24	24	24	24	24
BO-2A/-2B (±24V/Div 2)	24	24	24	24	24	24	24
B1-1 (125V/Div 1)	570	260	260	180	180	180	276
B1-2 (125V/Div 2)	400	230	230	185	185	185	241
B2-1 (250V/Div 1)	1320	1320	520	505	480	444	574
HPCS DUTY CYCLE	SECONDS 0-13	SECONDS 13-20	SECONDS 20-60				
B1-HPCS (125V/Div 3)	70.3	75.6	15.6	15.6	15.6	16.0	16.0