

**ENCLOSURE
INSERT FOR PAGE 3/4 8-12**

- e. By verifying during shutdown, that the battery capacity is at least 80% of the manufacturer's rating when subjected to a performance discharge test, in accordance with table 4.8-3.

NEW PAGE 3/4 8-13a

**Table 4.8-3
Performance Discharge Test Surveillance Requirements**

Battery Life	Battery Condition	Performance Test Frequency		
		At Least Once Per 60 Months	At Least Once Per 24 Months	At Least Once Per 12 Months
Battery Life ≤ 85% of Expected Service Life	No Degradation ⁽¹⁾	X ⁽²⁾		
	Degradation ⁽¹⁾			X ⁽³⁾
Battery Life > 85% of Expected Service Life ⁽⁵⁾	No Degradation ⁽¹⁾		X ⁽⁴⁾	

1. Degradation is defined as a decrease in battery capacity of more than 10% of capacity from its previous performance test, or the battery capacity is less than 90% of the manufacturer's rating.
2. Once per 60-month interval, this performance discharge test may be performed in lieu of the battery service test required by Specification 4.8.2.1d.
3. The battery can be restored to a 60-month test interval by cell replacement if performance test results indicate that cell replacement will restore the battery to a minimum of 90% of rated capacity with no degradation. Replacement cells must be tested to demonstrate a minimum capacity of 100% of the manufacturer's rating prior to installation.
4. Once per 24-month interval, a modified performance discharge test may be performed in lieu of the battery service test required by Specification 4.8.2.1d. A modified performance discharge test is a test of the battery capacity and its ability to provide a high rate, short duration load (usually the highest rate of the duty cycle).
5. When battery life is greater than 85% of the expected life of the battery and degradation is indicated, cell replacement shall not be used to restore the capability of the battery for more than one year; and the battery shall be replaced within one year of the date of the discovery of the cell degradation.