

ATTACHMENT 2 TO AEP:NRG:1181F

EXISTING TECHNICAL SPECIFICATION
PAGES MARKED TO REFLECT PROPOSED CHANGES

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3/4.0 APPLICABILITY

SURVEILLANCE REQUIREMENTS

4.0.8 By specific reference to this section, those surveillances which must be performed on or before August 13, 1994, and are designated as 18-month or 36-month surveillances (or required as outage-related surveillances under the provisions of Specification 4.0.5) may be delayed until the end of the cycle 9-10 refueling outage. For these specific surveillances under this section, the specified time intervals required by Specification 4.0.2 will be determined with the new initiation date established by the surveillance date during the Unit 2 1994 refueling outage.

4.0.9 By specific reference to this section, those surveillances which must be performed on or before September 7, 1994, and are designated as 18-month surveillances may be delayed until just prior to core reload in the Unit 2 Cycle 9-10 refueling outage.

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

2. The pilot cell specific gravity, corrected to 77°F, and full electrolyte level (fluid at the bottom of the maximum level indication mark), is greater than or equal to 1.200,
 3. The pilot cell voltage is greater than or equal to 2.13 volts, and
 4. The overall battery voltage is greater than or equal to 250 volts.
- b. At least once per 92 days by verifying that:
1. The voltage of each connected cell is greater than or equal to 2.13 volts under float charge.
 2. The specific gravity, corrected to 77°F, and full electrolyte level (fluid at the bottom of the maximum level indication mark), of each connected cell is greater than or equal to 1.200 and has not decreased more than 0.03 from the value observed during the previous test, and
 3. The electrolyte level of each connected cell is between the top of the minimum level indication mark and the bottom of the maximum level indication mark.
- c. At least once per 18 months by verifying that:
1. The cells, cell plates and battery racks show no visual indication of physical damage or abnormal deterioration,
 2. The cell-to-cell and terminal connections are clean, tight, free of corrosion and coated with anti-corrosion material,
 3. The battery charger will supply at least 140 amperes at greater than or equal to 250 volts for at least 4 hours. *
- d. At least once per 18 months, perform a battery service test during shutdown (MODES 5 or 6), by verifying that the battery capacity is adequate to supply and maintain in OPERABLE status the actual or simulated emergency loads for the times specified in Table 4.8-2 with the battery charger disconnected. The battery terminal voltage shall be maintained greater than or equal to 210 volts throughout this test. *

* The provisions of Specification 4.0.9 are applicable to the 2-CA battery and charger.

ELECTRICAL POWER SYSTEMS

D.C.: DISTRIBUTION - SHUTDOWN:

LIMITING CONDITION FOR OPERATION

3.8.2.4 As a minimum, the following D.C. electrical equipment and bus shall be energized and OPERABLE:

- 1 - 250-volt D.C. bus, and
- 1 - 250-volt battery bank and charger associated with the above D.C. bus.

APPLICABILITY: MODES 5 and 6.

ACTION:

With less than the above complement of D.C. equipment and bus OPERABLE, establish CONTAINMENT INTEGRITY within 8 hours.

SURVEILLANCE REQUIREMENTS

4.8.2.4.1 The above required 250-volt D.C. bus shall be determined OPERABLE and energized at least once per 7 days by verifying correct breaker alignment and indicated power availability.

4.8.2.4.2 The above required 250-volt battery bank and charger shall be demonstrated OPERABLE per Surveillance Requirement 4.8.2.3.2.*

* The provisions of specification 4.0.9 are applicable to surveillance requirements 4.8.2.3.2.c.3 and 4.8.2.3.2.d for the 2-CD battery and charger.

ATTACHMENT 3 TO AEP:NRG:1181F

PROPOSED REVISED
TECHNICAL SPECIFICATION PAGES

3/4.0 APPLICABILITY

SURVEILLANCE REQUIREMENTS

- 4.0.8 By specific reference to this section, those surveillances which must be performed on or before August 13, 1994, and are designed as 18-month or 36-month surveillances (or required as outage-related surveillances under the provisions of Specification 4.0.5) may be delayed until the end of the cycle 9-10 refueling outage. For these specific surveillances under this section, the specified time intervals required by Specification 4.0.2 will be determined with the new initiation date established by the surveillance date during the Unit 2 1994 refueling outage.
- 4.0.9 By specific reference to this section, those surveillances which must be performed on or before September 7, 1994, and are designated as 18-month surveillances may be delayed until just prior to core reload in the Unit 2 Cycle 9-10 refueling outage.

ELECTRICAL POWER SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

2. The pilot cell specific gravity, corrected to 77 °F, and full electrolyte level (fluid at the bottom of the maximum level indication mark), is greater than or equal to 1.200,
 3. The pilot cell voltage is greater than or equal to 2.13 volts, and
 4. The overall battery voltage is greater than or equal to 250 volts.
- b. At least once per 92 days by verifying that:
1. The voltage of each connected cell is greater than or equal to 2.13 volts under float charge.
 2. The specific gravity, corrected to 77 °F, and full electrolyte level (fluid at the bottom of the maximum level indication mark), of each connected cell is greater than or equal to 1.200 and has not decreased more than 0.03 from the value observed during the previous test, and
 3. The electrolyte level of each connected cell is between the top of the minimum level indication mark and the bottom of the maximum level indication mark.
- c. At least once per 18 months by verifying that:
1. The cells, cell plates and battery racks show no visual indication of physical damage or abnormal deterioration,
 2. The cell-to-cell and terminal connections are clean, tight, free of corrosion and coated with anti-corrosion material,
 3. The battery charger will supply at least 140 amperes at greater than or equal to 250 volts for at least 4 hours.*
- d. At least once per 18 months, perform a battery service test during shutdown (MODES 5 or 6), by verifying that the battery capacity is adequate to supply and maintain in OPERABLE status the actual or simulated emergency loads for the times specified in Table 4.8-2 with the battery charger disconnected. The battery terminal voltage shall be maintained greater than or equal to 210 volts throughout this test.*

*The provisions of Specification 4.0.9 are applicable to the 2-CD battery and charger.

ELECTRICAL POWER SYSTEMS

D.C. DISTRIBUTION - SHUTDOWN:

LIMITING CONDITION FOR OPERATION

3.8.2.4 As a minimum, the following D.C. electrical equipment and bus shall be energized and OPERABLE:

- 1 - 250-volt D.C. bus, and
- 1 - 250-volt battery bank and charger associated with the above D.C. bus.

APPLICABILITY: MODES 5 and 6.

ACTION:

With less than the above complement of D.C. equipment and bus OPERABLE, establish CONTAINMENT INTEGRITY within 8 hours.

SURVEILLANCE REQUIREMENTS

4.8.2.4.1 The above required 250-volt D.C. bus shall be determined OPERABLE and energized at least once per 7 days by verifying correct breaker alignment and indicated power availability.

4.8.2.4.2 The above required 250-volt battery bank and charger shall be demonstrated OPERABLE per Surveillance Requirement 4.8.2.3.2.*

* The provisions of Specification 4.0.9 are applicable to Surveillance Requirements 4.8.2.3.2.c.3 and 4.8.2.3.2.d for the 2-CD battery and charger.