

ATTACHMENT A

MARKUP TECHNICAL SPECIFICATION PAGES  
FOR FACILITY OPERATING LICENSES  
DPR-19 AND DPR-25

3/4.9-12

3/4.9-16

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3.9 - LIMITING CONDITIONS FOR OPERATION

4.9 - SURVEILLANCE REQUIREMENTS

C. D.C. Sources - Operating

C. D.C. Sources - Operating

As a minimum, the following D.C. electrical power sources shall be OPERABLE with the identified parameters within the limits specified in Table 4.9.C-1:

Each of the required 24/48 volt, 125 volt and 250 volt batteries and chargers shall be demonstrated OPERABLE<sup>(a)</sup>:

- 1. Two station 250 volt batteries, each with a full capacity charger.
- 2. Two station 125 volt batteries, each with a full capacity charger.
- 3. Two unit 24/48 volt batteries, each with a full capacity charger.

(d)

- 1. At least once per 7 days by verifying that:
  - a. The parameters in Table 4.9.C-1 meet Category A limits, and
  - b. There is correct breaker alignment to the battery chargers and total battery terminal voltage is  $\geq 26.0$ ,  $\geq 125.9$ , or  $\geq 260.4$  volts, as applicable, on float charge.

(d)

APPLICABILITY:

OPERATIONAL MODE(s) 1, 2, and 3.

- 2. At least once per 92 days and within 7 days after a battery discharge with a battery terminal voltage below 21.7, 105 or 210 volts, as applicable, or battery overcharge with battery terminal voltage above 30, 150 or 300 volts, as applicable, by verifying that:

ACTION:

- 1. With one of the above required 24/48 volt or 250 volt station batteries and/or chargers inoperable, restore the inoperable equipment to OPERABLE status within 2 hours<sup>(b)</sup>.

- a. The parameters in Table 4.9.C-1 meet the Category B limits,
- b. There is no visible corrosion at either terminals or connectors, or the connection resistance of these items is  $\leq 150 \times 10^{-6}$  ohms or  $\leq 20\%$  above baseline connection resistance, whichever is higher, and

d. Applicable to Unit 2 only

- a. An alternate 125 volt battery shall adhere to these same Surveillance Requirements to be considered OPERABLE, except the Unit 2 total battery terminal voltage on float charge shall be verified weekly as  $\geq 130.2$  volts.
- b. Each 250 volt battery may be inoperable for a maximum of seven days per operating cycle for maintenance or testing. If it is determined that a 250 volt battery need be replaced as a result of maintenance or testing, a specific battery may be inoperable for an additional seven days per operating cycle.

3.9 - LIMITING CONDITIONS FOR OPERATION

4.9 - SURVEILLANCE REQUIREMENTS

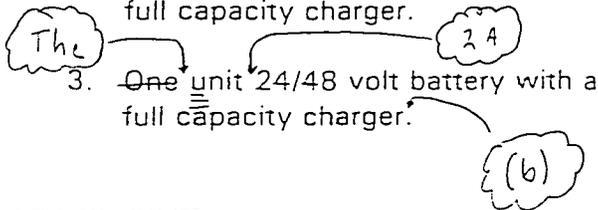
D. D.C. Sources - Shutdown

D. D.C. Sources - Shutdown

As a minimum, the following D.C. electrical power sources shall be OPERABLE:

The required batteries and chargers shall be demonstrated OPERABLE<sup>(a)</sup> per the surveillance requirements in Specification 4.9.C.

1. One station 250 volt battery with a full capacity charger.
2. One station 125 volt battery with a full capacity charger.



APPLICABILITY:

OPERATIONAL MODE(s) 4 and 5, and when handling irradiated fuel in the secondary containment.

ACTION:

With any of the above required station batteries and/or associated charger(s) inoperable, suspend CORE ALTERATIONS, suspend handling of irradiated fuel in the secondary containment, and suspend operations with a potential for draining the reactor vessel.

*b Applicable to Unit 2 only*

a An alternate 125 volt battery shall adhere to these same Surveillance Requirements to be considered OPERABLE, except the Unit 2 total battery terminal voltage on float charge shall be verified weekly as  $\geq 130.2$  volts.

3.9 - LIMITING CONDITIONS FOR OPERATION

4.9 - SURVEILLANCE REQUIREMENTS

- 4. For Unit 3, 125 volt D.C. power distribution, consisting of:
  - a. TB Main Bus Nos. 2A-1, 3A and 3A-1,
  - b. TB Res. Bus Nos. 3B and 3B-1, and
  - c. RB Distribution Panel No. 3.
- 5. 24/48 volt D.C. power distribution, consisting of:

a. ~~For Unit 2,~~ Bus Nos. 2A and 2B.

(a)

~~b. For Unit 3, Bus Nos. 3A and 3B.~~

APPLICABILITY:

OPERATIONAL MODE(s) 1, 2, and 3.

ACTIONS:

- 1. With one of the above required A.C. distribution systems not energized, re-energize the system within 8 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- 2. With one of the above required D.C. distribution systems not energized, re-energize the system within 2 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

9 Applicable to Unit 2 only

3.9 - LIMITING CONDITIONS FOR OPERATION

4.9 - SURVEILLANCE REQUIREMENTS

4. For 24/48 volt D.C. distribution, either:

a. Bus Nos. 2A and 2B, or

b. Bus Nos. 3A and 3B.

(a)

APPLICABILITY:

OPERATIONAL MODE(s) 4, 5, and when handling irradiated fuel in the secondary containment.

ACTIONS:

With less than the above required A.C. or D.C. distribution systems energized, suspend CORE ALTERATIONS, suspend handling of irradiated fuel in the secondary containment, and suspend operations with a potential for draining the reactor vessel.

a Applicable to Unit 2 only

ATTACHMENT B

REVISED TECHNICAL SPECIFICATION PAGES  
FOR FACILITY OPERATING LICENSES  
DPR-19 AND DPR-25

3.9 - LIMITING CONDITIONS FOR OPERATIONC. D.C. Sources - Operating

As a minimum, the following D.C. electrical power sources shall be OPERABLE with the identified parameters within the limits specified in Table 4.9.C-1:

1. Two station 250 volt batteries, each with a full capacity charger.
2. Two station 125 volt batteries, each with a full capacity charger.
3. Two unit 24/48 volt batteries, each with a full capacity charger.<sup>(d)</sup>

APPLICABILITY:

OPERATIONAL MODE(s) 1, 2, and 3.

ACTION:

1. With one of the above required 24/48 volt or 250 volt station batteries and/or chargers inoperable, restore the inoperable equipment to OPERABLE status within 2 hours<sup>(b)</sup>.

4.9 - SURVEILLANCE REQUIREMENTSC. D.C. Sources - Operating

Each of the required 24/48 volt, 125 volt and 250 volt batteries and chargers shall be demonstrated OPERABLE<sup>(a)</sup>:

1. At least once per 7 days by verifying that:
  - a. The parameters in Table 4.9.C-1 meet Category A limits, and
  - b. There is correct breaker alignment to the battery chargers and total battery terminal voltage is  $\geq 26.0^{(d)}$ ,  $\geq 125.9$ , or  $\geq 260.4$  volts, as applicable, on float charge.
2. At least once per 92 days and within 7 days after a battery discharge with a battery terminal voltage below  $21.7^{(d)}$ , 105 or 210 volts, as applicable, or battery overcharge with battery terminal voltage above  $30^{(d)}$ , 150 or 300 volts, as applicable, by verifying that:
  - a. The parameters in Table 4.9.C-1 meet the Category B limits,
  - b. There is no visible corrosion at either terminals or connectors, or the connection resistance of these items is  $\leq 150 \times 10^{-6}$  ohms or  $\leq 20\%$  above baseline connection resistance, whichever is higher, and

d Applicable to Unit 2 only

- a An alternate 125 volt battery shall adhere to these same Surveillance Requirements to be considered OPERABLE, except the Unit 2 total battery terminal voltage on float charge shall be verified weekly as  $\geq 130.2$  volts.
- b Each 250 volt battery may be inoperable for a maximum of seven days per operating cycle for maintenance or testing. If it is determined that a 250 volt battery need be replaced as a result of maintenance or testing, a specific battery may be inoperable for an additional seven days per operating cycle.

3.9 - LIMITING CONDITIONS FOR OPERATION

## D. D.C. Sources - Shutdown

As a minimum, the following D.C. electrical power sources shall be OPERABLE:

1. One station 250 volt battery with a full capacity charger.
2. One station 125 volt battery with a full capacity charger.
3. The Unit 2A 24/48 volt battery with a full capacity charger.<sup>(b)</sup>

APPLICABILITY:

OPERATIONAL MODE(s) 4 and 5, and when handling irradiated fuel in the secondary containment.

ACTION:

With any of the above required station batteries and/or associated charger(s) inoperable, suspend CORE ALTERATIONS, suspend handling of irradiated fuel in the secondary containment, and suspend operations with a potential for draining the reactor vessel.

4.9 - SURVEILLANCE REQUIREMENTS

## D. D.C. Sources - Shutdown

The required batteries and chargers shall be demonstrated OPERABLE<sup>(a)</sup> per the surveillance requirements in Specification 4.9.C.

b Applicable to Unit 2 only

a An alternate 125 volt battery shall adhere to these same Surveillance Requirements to be considered OPERABLE, except the Unit 2 total battery terminal voltage on float charge shall be verified weekly as  $\geq 130.2$  volts.

3.9 - LIMITING CONDITIONS FOR OPERATION

4.9 - SURVEILLANCE REQUIREMENTS

4. For Unit 3, 125 volt D.C. power distribution, consisting of:
  - a. TB Main Bus Nos. 2A-1, 3A and 3A-1,
  - b. TB Res. Bus Nos. 3B and 3B-1, and
  - c. RB Distribution Panel No. 3.
5. 24/48 volt D.C. power distribution consisting of Bus Nos. 2A<sup>(a)</sup>

APPLICABILITY:

OPERATIONAL MODE(s) 1, 2, and 3.

ACTIONS:

1. With one of the above required A.C. distribution systems not energized, re-energize the system within 8 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
2. With one of the above required D.C. distribution systems not energized, re-energize the system within 2 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.

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a Applicable to Unit 2 only

3.9 - LIMITING CONDITIONS FOR OPERATION

4.9 - SURVEILLANCE REQUIREMENTS

4. For 24/48 volt D.C. distribution  
Bus Nos. 2A .<sup>(a)</sup>

APPLICABILITY:

OPERATIONAL MODE(s) 4, 5, and when handling irradiated fuel in the secondary containment.

ACTIONS:

With less than the above required A.C. or D.C. distribution systems energized, suspend CORE ALTERATIONS, suspend handling of irradiated fuel in the secondary containment, and suspend operations with a potential for draining the reactor vessel.

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a Applicable to Unit 2 only