

MARKED-UP TECHNICAL SPECIFICATIONS PAGES

LOAD SHEDDING AND SEQUENCING SYSTEM

(GGNS PCOL 93/04 Revision 1)

LIMITING CONDITIONS FOR OPERATION (Continued)ACTION:

- a. For A.C. power distribution:
1. With either Division 1 or Division 2 of the above required A.C. distribution system not energized, re-energize the division 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 Division 3 of the above required A.C. distribution system not energized, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.1.
  3. With one of the above required load shedding and sequencing panels inoperable, restore the inoperable panel to OPERABLE status within 8 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- b. For D.C. power distribution:
1. With either Division 1 or Division 2 of the above required D.C. distribution system not energized, re-energize the division within 2 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
  2. With Division 3 of the above required D.C. distribution system not energized, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.1.

SURVEILLANCE REQUIREMENTS

4.8.3.1.1 Each of the above required power distribution system divisions shall be determined energized at least once per 7 days by verifying correct breaker alignment on the busses/LCs/MCCs/panels and voltage on the busses/LCs.

4.8.3.1.2 Each of the above required load shedding and sequencing panels shall be demonstrated OPERABLE.

- Combine
- a. At least once per 12 hours by determining that the auto-test system is operating and is not indicating a faulted condition.
- b. At least once per 31 days by performance of a manual test and verifying response within the design criteria to the following test inputs:
- Delete
- a) LOCA.
  - b) Bus undervoltage.
  - c) Bus undervoltage followed by LOCA.
  - d) LOCA followed by bus undervoltage.

LIMITING CONDITION FOR OPERATION (Continued)ACTION:

- a. For A.C. power distribution:
  1. With both Division 1 and Division 2 of the above required A.C. distribution system not energized and/or with the load shedding and sequencing panel associated with the division(s) required to be energized inoperable, suspend CORE ALTERATIONS, handling of irradiated fuel in the primary or secondary containment and operations with a potential for draining the reactor vessel. OPERATIONAL CONDITION changes per Specification 3.0.4 are not permitted.
  2. With Division 3 of the above required A.C. distribution system not energized, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.2 and 3.5.3.
- b. For D.C. power distribution:
  1. With both Division 1 and Division 2 of the above required D.C. distribution system not energized, suspend CORE ALTERATIONS, handling of irradiated fuel in the primary or secondary containment and operations with a potential for draining the reactor vessel. OPERATIONAL CONDITION changes per Specification 3.0.4 are not permitted.
  2. With Division 3 of the above required D.C. distribution system not energized, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.2 and 3.5.3.
- c. The provisions of Specification 3.0.3 are not applicable.

SURVEILLANCE REQUIREMENTS

4.8.3.2.1 At least the above required power distribution system divisions shall be determined energized at least once per 7 days by verifying correct breaker alignment on the busses/LCs/MCCs/panels and voltage on the busses/LCs.

4.8.3.2.2 The above required load shedding and sequencing panel(s) shall be demonstrated OPERABLE.

- Combine
- a. At least once per 12 hours by determining that the auto-test system is operating and is not indicating a faulted condition. Delete
  - b. At least once per 31 days by performance of a manual test and verifying response within the design criteria to the following test inputs:
    - a) LOCA.
    - b) Bus undervoltage.
    - c) Bus undervoltage followed by LOCA.
    - d) LOCA followed by bus undervoltage.

PROPOSED TECHNICAL SPECIFICATIONS PAGES

LOAD SHEDDING AND SEQUENCING SYSTEM

(Information Only)

ELECTRICAL POWER SYSTEMSLIMITING CONDITIONS FOR OPERATION (Continued)ACTION:

- a. For A.C. power distribution:
  - 1. With either Division 1 or Division 2 of the above required A.C. distribution system not energized, re-energize the division 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 Division 3 of the above required A.C. distribution system not energized, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.1.
  - 3. With one of the above required load shedding and sequencing panels inoperable, restore the inoperable panel to OPERABLE status within 12 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
- b. For D.C. power distribution:
  - 1. With either Division 1 or Division 2 of the above required D.C. distribution system not energized, re-energize the division within 2 hours or be in at least HOT SHUTDOWN within the next 12 hours and in COLD SHUTDOWN within the following 24 hours.
  - 2. With Division 3 of the above required D.C. distribution system not energized, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.1.

SURVEILLANCE REQUIREMENTS

4.8.3.1.1 Each of the above required power distribution system divisions shall be determined energized at least once per 7 days by verifying correct breaker alignment on the busses/LCs/MCCs/panels and voltage on the busses/LCs.

4.8.3.1.2 Each of the above required load shedding and sequencing panels shall be demonstrated OPERABLE at least once per 31 days by performance of a manual test and verifying response within the design criteria to the following test inputs:

- a) LOCA.
- b) Bus undervoltage.
- c) Bus undervoltage followed by LOCA.
- d) LOCA followed by bus undervoltage.



## ELECTRICAL POWER SYSTEMS

### LIMITING CONDITION FOR OPERATION (Continued)

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#### ACTION:

- a. For A.C. power distribution:
  1. With both Division 1 and Division 2 of the above required A.C. distribution system not energized and/or with the load shedding and sequencing panel associated with the division(s) required to be energized inoperable, suspend CORE ALTERATIONS, handling of irradiated fuel in the primary or secondary containment and operations with a potential for draining the reactor vessel. OPERATIONAL CONDITION changes per Specification 3.0.4 are not permitted.
  2. With Division 3 of the above required A.C. distribution system not energized, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.2 and 3.5.3.
- b. For D.C. power distribution:
  1. With both Division 1 and Division 2 of the above required D.C. distribution system not energized, suspend CORE ALTERATIONS, handling of irradiated fuel in the primary or secondary containment and operations with a potential for draining the reactor vessel. OPERATIONAL CONDITION changes per Specification 3.0.4 are not permitted.
  2. With Division 3 of the above required D.C. distribution system not energized, declare the HPCS system inoperable and take the ACTION required by Specification 3.5.2 and 3.5.3.
- c. The provisions of Specification 3.0.3 are not applicable.

### SURVEILLANCE REQUIREMENTS

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4.8.3.2.1 At least the above required power distribution system divisions shall be determined energized at least once per 7 days by verifying correct breaker alignment on the busses/LCs/MCCs/panels and voltage on the busses/LCs.

4.8.3.2.2 The above required load shedding and sequencing panel(s) shall be demonstrated OPERABLE at least once per 31 days by performance of a manual test and verifying response within the design criteria to the following test inputs:

- a) LOCA.
- b) Bus undervoltage.
- c) Bus undervoltage followed by LOCA.
- d) LOCA followed by bus undervoltage.