

3.7.2 ELECTRICAL SUPPLY: SHUTDOWN

APPLICABILITY: MODES 5 and 6

OBJECTIVE: To define those conditions of available electrical power to ensure that the station can be maintained in the shutdown or refueling condition for extended periods.

- SPECIFICATION:
- a. One Southern California Edison Company or San Diego Gas and Electric Company high voltage transmission line to the switchyard and one transmission circuit from the switchyard, immediate or delayed access, to the onsite safety-related distribution system shall be OPERABLE.
  - b. One diesel generator shall be OPERABLE which is capable of automatic start, with a total connected design load not to exceed 6,000 kW and with:
    - 1. A day tank containing a minimum 290 gallons of fuel,
    - 2. A fuel storage system containing a minimum of 37,500 gallons of fuel, and
    - 3. A fuel transfer pump.
  - c. One train of AC buses shall be OPERABLE comprised of:
    - 1. 4,160 volt Bus 1C, and 480 volt Buses 1 and 3 with at least one associated station service transformer; OR
    - 2. 4,160 volt Bus 2C, and 480 volt Buses 2 and 4 with at least one associated station service transformer.
  - d. 120 volt Vital Buses 1, 2, and 4 energized from associated inverters connected to DC Bus 1.
  - e. One 125 volt DC Bus OPERABLE and energized from the associated battery with at least one full capacity charger.

ACTION: With less than the minimum required AC and DC electrical sources specified above, suspend all operations involving CORE ALTERATIONS or positive reactivity changes. Initiate corrective actions to energize the required electrical buses. Within 8 hours, depressurize and vent the RCS through at least a 1.75 square inch vent.

BASIS: In MODES 5 and 6, the requirement for one source of offsite power and one diesel generator to be OPERABLE will provide diverse and redundant electrical power sources in order that the station can be maintained in the COLD SHUTDOWN or REFUELING condition for extended time periods. Additionally, this

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ATTACHMENT 2

PROPOSED TECHNICAL SPECIFICATIONS

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