

## CONTAINMENT SYSTEMS

### ELECTRIC HYDROGEN RECOMBINERS

#### LIMITING CONDITION FOR OPERATION

3.6.4.2 Two portable independent containment hydrogen recombiner systems shared among the three units shall be OPERABLE.

APPLICABILITY: MODES 1 and 2.

#### ACTION:

- a. With one hydrogen recombiner system inoperable, restore the inoperable system to OPERABLE status within 30 days or meet the requirements of Specification 3.6.4.3, or be in at least HOT STANDBY within the next 6 hours.
- b. The provisions of Specification 3.0.4 are not applicable during implementation of the environmental qualification modifications to the hydrogen recombiner system. #

#### SURVEILLANCE REQUIREMENTS

4.6.4.2 Each hydrogen recombiner system shall be demonstrated OPERABLE:

- a. At least once per 6 months by:
  1. Verifying through a visual examination that there is no evidence of abnormal conditions within the recombiner enclosure and control console.
  2. Operating the air blast heat exchanger fan motor and enclosed blower motor continuously for at least 30 minutes.
- b. At least once per year by:
  1. Performing a CHANNEL CALIBRATION of recombiner instrumentation.
  2. Performing a "Low-Level Test-Heater Power Off" and "Low-Level Test-Heater Power On" test and verifying that the recombiner temperature increases to and is maintained at  $600 \pm 25^{\circ}\text{F}$  for at least one hour. With power off and a simulated input signal of  $1280^{\circ}\text{F}$ , verify the OPERABILITY of all control circuits. When this test is conducted, the air blast heat exchanger fan motor and enclosed blower motor shall be operated continuously for at least 30 minutes.
- c. At least once per 5 years by performing a Recombiner System "High-Level Test" and verifying that the recombiner temperature increases to and is maintained at  $1200 \pm 50^{\circ}\text{F}$  for at least one hour.

# Action Statement (b) is effective until completion of the environmental qualification modifications to the hydrogen recombiner system or until March 31, 1986, whichever is earlier.

PALO-VERDE - UNIT 1 and 2

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