

ENCLOSURE

SEQUOYAH NUCLEAR PLANT UNIT 1

PROPOSED CHANGE TO TECHNICAL SPECIFICATIONS

TVA-SNP-TS-9

8102120252

CONTAINMENT SYSTEMS

HYDROGEN CONTROL INTERIM DISTRIBUTED IGNITION SYSTEM

LIMITING CONDITION FOR OPERATION

3.6.4.3 The primary containment interim distributed ignition system shall be operable.

APPLICABILITY: MODES 1 and 2

ACTION

With the interim distributed ignition system inoperable, restore the inoperable system to OPERABLE status within 7 days or be in at least HOT STANDBY within the next 6 hours.

SURVEILLANCE REQUIREMENTS

4.6.4.3 The interim distributed ignition system shall be demonstrated OPERABLE:

- a. At least once per 92 days by energizing the supply breakers.
- b. At least once per 18 months by:
 1. Verifying the cleanliness of each glow plug by a visual inspection.
 2. Energizing each glow plug and verifying a surface temperature of at least 1500° F.

CONTAINMENT SYSTEMS

BASES

3/4.6.4.3 HYDROGEN CONTROL INTERIM DISTRIBUTED IGNITION SYSTEM

The operability of the 32 ignitors in the hydrogen control distributed ignition system will maintain an effective coverage throughout the containment. This system of ignitors will initiate combustion of any significant amount of hydrogen released after a degraded core accident. This system is to ensure burning in a controlled manner as the hydrogen is released instead of allowing it to be ignited at high concentrations by a random ignition source.