

ENCLOSURE 3

VOGTLE ELECTRIC GENERATING PLANT  
REQUEST TO REVISE  
TECHNICAL SPECIFICATION 4.6.1.6.1.d.2

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Minimization of grease voiding by replacing as a minimum the amount of grease removed during surveillance performance.

## CONTAINMENT SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

be detensioned on Unit 1 each time lift-offs are performed on Unit 1 per Figure 3.5-1. One tendon shall be detensioned on Unit 1 each time lift-offs are performed on Unit 2 per Figure 3.6-1. A randomly selected tendon shall be essentially completely detensioned in order to identify broken or damaged wires and determine that over the entire length of the removed wire sample (which should include the broken wire if so identified) that:

- (1) The tendon wires are free of corrosion, cracks, and damage, and
- (2) A minimum tensile strength of 270,000 psi (guaranteed ultimate strength of the tendon material) exists for at least three wire samples (one from each end and one at mid-length) cut from each removed wire.

Failure to meet the requirements of 4.6.1.6.1b shall be considered as an indication of abnormal degradation of the containment structure.

- c. For Unit 1 only, performing tendon retensioning of detensioned tendons as close as possible to their observed or predicted lift-off force, whichever is greater but not to exceed a stress level of 70% of the guaranteed ultimate tensile strength (GUTS) for the tendon material. During retensioning of these tendons, the changes in load and elongation should be measured simultaneously at a minimum of three approximately equally-spaced levels of force between zero and the seating force. If the elongation corresponding to a specific load differs by more than 10% from that recorded during the installation, an investigation should be made to ensure that the difference is not related to wire failures or slip of wires in anchorages. This condition shall be considered as an indication of abnormal degradation of the containment structure.
- d. Verifying the OPERABILITY of the sheathing filler grease by assuring:
  - (1) There are no changes in the presence or physical appearance of the sheathing filler-grease including the presence of free water.
  - (2) ~~Amount of grease replaced does not exceed 5% of the net duct volume, when injected at a pressure not to exceed the designer's specifications.~~
  - (3) Minimum grease coverage exists for the different parts of the anchorage system.
  - (4) During general visual examination of the containment exterior surface, grease leakage that could affect containment integrity is not present, and