

DIVISION OF COMPLIANCE MONTHLY REPORT, JANUARY 1971

Florida Power and Light Company (Turkey Point 3) - An inspection was conducted on December 14-18. The inspection effort included: A review of the separation of safeguards equipment; a review of the reported crack in the ring girder; and a review of the licensee's containment dome investigation efforts. No items of nonconformance were found. The reported ring girder crack was located above the ring girder at a construction joint between the parapet (used to support the tendon handling equipment) and the ring girder. Due to location of this construction joint crack, the licensee concluded that the crack would have no detrimental effect on the integrity of the containment.

CO inspection with respect to the containment dome concrete removal efforts (December Monthly Report) was conducted on Jan. 13-14. One hundred and sixteen cubic yards of concrete had been removed by chipping. An area of approximately 3,950 sq. ft. was exposed. Detailed work was underway to remove concrete from below and around the tendons to permit in-place inspection of the tendons to permit the patching of tendon sheaths, and to remove the meridional construction joint down to the working slab. Approximately 30 feet of the construction joint has been removed down to the working slab (31 inches deep). The method of removal of the construction joint makes it difficult to ascertain whether the licensee postulated void existed at the bottom of the joint. Extensive damage to tendon sheaths and

and tendon wires occurred during concrete removal by air hammers. Over 1,000 puncture holes were observed by CO inspectors in the exposed tendon sheaths. Repair of the damaged sheaths consists of removing the damaged section by grinding and installing a sheath patch. Additional damage to tendon wires is occurring during the repair when the grinding wheel cuts through the sheath and strikes the tendon wires. The patching of sheaths with damaged wires is being delayed by Bechtel pending development of acceptance criteria for damaged wire.

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