



UNITED STATES  
ATOMIC ENERGY COMMISSION  
DIVISION OF COMPLIANCE  
REGION II - SUITE 818  
230 PEACHTREE STREET, NORTHWEST  
ATLANTA, GEORGIA 30303

TELEPHONE: 726-4537

February 19, 1971

J. B. Henderson, Chief, Reactor Construction Branch  
Division of Compliance, Headquarters

INQUIRY MEMORANDUM - FLORIDA POWER AND LIGHT COMPANY (TURKEY POINT 3),  
LICENSE NO. CPPR-27, DOCKET NO. 50-250

R. C. Lewis, Principal Reactor Inspector, contacted J. Olmstead, FP&L Project Manager, on February 19, 1971, to inquire as to the current status of the repair effort of Unit No. 3 containment dome. The following reflects the current status of the dome repair effort, as understood by Region II:

1. The dome failure investigation and repair effort is approximately 90% completed, with effort continuing on the preparation of the concrete surface, tendon wire inspection, sheath patching and installation of rock bolts.
2. Inspection for damage of the tendon wires located below the sheath punctures is 93% completed.
3. The information provided for the total number of damaged tendon wires was taken at the 75% completion level, and 900 wires are identified as damaged.
4. A damaged wire acceptance criterion has been tentatively established by Bechtel and FP&L that defines as acceptable any wire that has an indentation less than 0.01 inch. This is contrary to the FSAR referenced ASTM (A421), which establishes the damage limit at 0.002 inch. Forty-six of the damaged wires exceed the 0.01 inch damage criterion.
5. An acceptance criterion for the damaged rebars has not been defined.
6. The General Electric Company, Silicone Products Department, Waterford, New York, was selected as the supplier of the elastomeric sealant for weatherproofing the dome following concrete placement. The sealant is to be applied prior to containment proof testing. The thickness of the sealant has not been determined.

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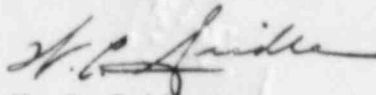
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February 19, 1971

7. Concrete placement is tentatively scheduled for March 21, 1971.

Region II plans to conduct a final inspection prior to placement and witness the initial placement of concrete on the dome.



W. C. Seidle  
Senior Reactor Inspector

CO:II:RCL

cc: E. G. Case, DRS (3)  
P. A. Morris, DRL  
R. S. Boyd, DRL (2)  
R. C. DeYoung, DRL (2)  
D. J. Skovholt, DRL (3)  
P. W. Howe, DRL (2)  
- A. Giambusso, CO  
- L. Kornblith, Jr., CO  
- R. H. Engelken, CO  
- J. P. O'Reilly, CO  
R. W. Kirkman, CO:I  
B. H. Grier, CO:III  
J. W. Flora, CO:IV  
R. W. Smith, CO:V  
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