



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

TELEPHONE: 526-4537

MAY 1 1969

J. P. O'Reilly, Chief, Reactor Inspection and Enforcement Branch
 Division of Compliance, Headquarters

FLORIDA POWER CORPORATION (CRYSTAL RIVER UNIT 3), LICENSE NO. CPPR-51,
 DOCKET NO. 50-302

The attached report of an inspection of the subject facility by our
 inspector on April 17-18, 1969, is forwarded for information. No items
 of nonconformance or of safety significance were noted during the
 inspection.

Several soft areas were discovered in the rock foundation for the con-
 tainment mat; all have been excavated and filled with either grout or
 lean cement. Discovery of these soft areas has resulted in additional
 corings in areas still to be excavated. The licensee, AE, and the con-
 sultant expressed confidence that the only effect the soft spots would
 have would be that of delaying the job; the method of excavation, back-
 fill and grouting are sound.

The use of a type II "commercial" rather than type II "moderate heat"
 cement has resulted in some low compression strengths for lean concrete
 used for containment mat backfill. FPC has informed our inspector that
 in the future only type II "moderate heat" cement would be used. This
 will involve making changes in mix designs.

IS/RHE 5/7/69
OR
JN
JLX
QBA
LX

W. C. Seidle
 W. C. Seidle
 Senior Reactor Inspector

CO:II:WCS

Enclosure:
 CO Report No. 302/69-2
 (Bryant)

- cc: E. G. Case, DRS
 R. S. Boyd, DRL (2)
 S. Levine, DRL (6)
 D. J. Skovholt, DRL (3)
 L. Kornblith, Jr., CO
 R. W. Kirkman, CO:I
 B. H. Grier, CO:III
 D. I. Walker, CO:IV
 R. W. Smith, CO:V
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DIVISION OF COMPLIANCE MONTHLY REPORT APRIL, 1969

302

~~50-335~~

Florida Power Corporation (Crystal River 3) - An inspection was conducted on April 17-18. Construction is lagging due to unanticipated excavation required by the discovery of isolated pockets of unsubstantial rock. The licensee does not feel that this problem will affect his overall schedule.