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REGION II
ATLANTA, GEORGIA

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Director, Office of Inspection
and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: Docket No. 50-302
Licensee No. DPR-72
Crystal River Unit #3

Dear Sir:

The attached report is filed in accordance with 10CFR Part 21 and the additional guidance set forth in EUREG-0302, Rev. 1.

This report concerns pivot bolts on some 480 volt circuit breakers which were found to have been tightened to less than the minimum torque value recommended by the manufacturer.

Please advise if further discussion is required.

Very truly yours,

FLORIDA POWER CORPORATION

W. P. Stewart

W.P. Stewart

cc: Director, Office of Inspection and
Enforcement, Region II
U.S. Nuclear Regulatory Commission
220 Peachtree Street, N.W., Suite 818
Atlanta, Ga 30303

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(D24)

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1. Report No.: 10CFR21-2
2. Facility: Crystal River Unit #3
3. Report Date: 3-5-79
4. Occurrence Date: N/A
5. Identification of Occurrence:

Pivot bolts on some 480 V circuit breakers found to have been tightened to less than the minimum torque value recommended by manufacturer.

6. Conditions Prior to Occurrence:

N/A

7. Description of Occurrence:

A potential problem with the 480 volt circuit breakers at Crystal River 3 was identified by construction workers at Florida Power's fossil-fueled Anclote 2 unit. The pivot bolts on the ITE-Gould #K600 circuit breakers were found to be torqued to less than the manufacturer's minimum specified value. This circumstance could cause high resistance and high heat, with the possibility of potential failure. All of the 480 volt circuit breakers at Crystal River 3 were checked and 13 out of a total of 48 had torque values on at least one nut which were less than the manufacturer's minimum acceptable value.

8. Designation of Apparent Cause:

The ITE-Gould manufacturing facility has not always tightened the nuts on these breaker bolts to the specified value.

9. Analysis of Occurrence:

A potential safety hazard might exist in plants which use ITE-Gould #K600 circuit breakers in safety related systems.

10. Corrective Action:

All of the 480 volt circuit breakers at Crystal River 3 were checked and torqued to the manufacturer's recommended value.

11. Failure Data:

This is the first occurrence of this type.

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STATE OF FLORIDA
COUNTY OF PIKE

W.P. Stewart states that he is the Director, Power Production, of Florida Power Corporation; that he is authorized on the part of said company to sign and file with the Nuclear Regulatory Commission the information attached hereto; and that all such statements made and matters set forth therein are true and correct to the best of his knowledge, information and belief.

W.P. Stewart
W.P. Stewart

Subscribed and sworn to before me, a Notary Public in and for the State and County above named, this 5th day of March, 1979.

Notary Public

Notary Public, State of Florida at Large.
My Commission Expires: July 25, 1980
(Notary 1 D12)