

PART 21 IDENTIFICATION NO. 80-270-000 COMPANY NAME Florida Power

DATE OF LETTER 8/7/80 DOCKET NO. 50-302

DATE DISTRIBUTED 8/13/80 ORIGINAL REPORT SUPPLEMENTARY

DISTRIBUTION:

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LOEB / MPA MNB 5715

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CENTRAL FILES 016
CENTRAL FILES (CHRON)
PDR
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TERA

CENTRAL FILES 016
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CENTRAL FILES SS-396
PDR
LPDR
TERA

ASLBP E/W 450

CENTRAL FILES 016
CENTRAL FILES (CHRON)
PDR
LPDR
TERA

ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR FOLLOWUP AS SHOWN BELOW:

IE

NRR

NMSS

OTHER

RCI
ROI
SG
FFMSI

8009020197

REV. 8/1/80

**Florida
Power**
CORPORATION

August 7, 1980

80-270-000

File: 3-0-7-a

Director
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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

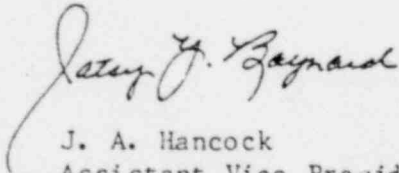
Dear Sir:

The attached report is filed in accordance with 10 CFR Part 21 and the provisions of Section 206 of the Energy Reorganization Act of 1974.

Please advise if further discussion is required.

Very truly yours,

FLORIDA POWER CORPORATION



J. A. Hancock
Assistant Vice President
Nuclear Operations

HMPekcW01(DN-101-3)

cc: Director
Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
Suite 818
230 Peachtree Street, N.W.
Atlanta, GA 30303

1. Report No.: 10 CFR 21-802
2. Facility: Crystal River Unit No. 3
3. Report Date: August 7, 1980
4. Notification Date: August 6, 1980
5. Circumstance: General Electric Versilube F-50 fluid was provided with Reactor Coolant Pump Hydraulic Shock Suppressors when they were procured.
6. Vendor: McDowell-Wellman Engineering Company
(A Division of Anker-Holth)
Port Huron, Michigan
7. Discovered by: During a routine periodic Quality Program vendor evaluation of the General Electric Silicone Products Division, an FPC auditor noted that GE recommended the use of alternative hydraulic fluids (other than Versilube F-50) for use in radioactive environments.
8. Condition: FPC Nuclear Engineering contracted the Nuclear Engineering Department of Rensselaer Polytechnic Institute to perform a study of the effects of ionizing radiation on GE Versilube F-50 fluid, and make recommendations to FPC concerning any corrective action deemed appropriate. Rensselaer Polytechnic Institute concluded that, in no case, should the fluid be allowed to remain in the snubbers for absorbed doses greater than 10 MRads. Samples of fluid in FPC snubbers showed absorbed doses ranging from 2.3 to 3.6 MRads.
9. Corrective Action: FPC will abide by the recommendations of the RPI report to changeout the Versilube F-50 fluid prior to the time it could become a problem.