

September 1, 1998

Mr. John Paul Cowan, Vice resident
Nuclear Operations (NA2E)
Florida Power Corporation
Crystal River Energy Complex
15760 W. Power Line Street
Crystal River, Florida 34428-6708

SUBJECT: REVOCATION OF EXEMPTION FROM 10 CFR PART 50, APPENDIX R,
REACTOR COOLANT PUMP LUBE OIL SYSTEM - CRYSTAL RIVER UNIT 3

Dear Mr. Cowan:

Under cover of a letter dated October 7, 1994, the U. S. Nuclear Regulatory Commission (NRC) issued, pursuant to 10 CFR 50.12, an exemption from certain requirements of 10 CFR Part 50, Appendix R, Section III. O, "Oil collection system for reactor coolant pump." This exemption allowed installation of a new reactor coolant pump (RCP) motor with an oil collection system which was capable of collecting oil leakage from all potential pressurized and unpressurized leakage sites except for four. At that time, it was determined that application of 10 CFR Part 50, Appendix R, Section III. O, as it relates to the oil collection at the four specific sites in the RCPs was not necessary in order to achieve the underlying purpose of that regulation.

By letter dated November 13, 1997, Florida Power Corporation (FPC) informed the NRC that modifications had been made to the RCP Oil Collection System such that collection coverage for these four potential leakage sites was assured, and that the Crystal River Unit 3 RCP Oil Collection System now conforms to the requirements of 10 CFR Part 50, Appendix R, Section III. O. In the FPC letter, it was stated that the exemption issued on October 7, 1994, was no longer needed.

Based on the information provided in FPC's November 13, 1997, letter, the NRC is revoking the above-referenced exemption from 10 CFR Part 50, Appendix R, Section III. O, for the RCP Oil Collection System. A copy of the Revocation of Exemption is being forwarded to the Office of the Federal Register for publication. If you have any questions concerning this matter, please contact me at (301) 415-1495.

Sincerely,

/s/

Leonard A. Wiens, Senior Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-302

Enclosure: Revocation of Exemption

cc w/encl: See next page

DISTRIBUTION:

~~XXXXXXXXXX~~ LWiens
PUBLIC OGC
CR-3 r/f GHill (2)
JZwolinski FHebdon
MBoyle MTschiltz
ACRS BClayton
LMarsh

*SEE PREVIOUS CONCURRENCE

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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 1, 1998

Mr. John Paul Cowan, Vice President
Nuclear Operations (NA2E)
Florida Power Corporation
Crystal River Energy Complex
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Sincerely,

A handwritten signature in black ink, appearing to read "L. A. Wiens".

Leonard A. Wiens, Senior Project Manager
Project Directorate II-3
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-302

Enclosure: Revocation of Exemption

cc w/encl: See next page

Mr. John Paul Cowan
Florida Power Corporation

**CRYSTAL RIVER UNIT NO. 3
GENERATING PLANT**

cc:

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Atlanta, GA 30303-3415

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

FLORIDA POWER CORPORATION, ET AL.

(Crystal River, Unit 3)

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Docket No. 50-302

REVOCATION OF EXEMPTION

I.

The Florida Power Corporation, et. al. (FPC or the licensee) is the holder of Facility Operating License No. DPR-72, which authorizes operation of Crystal River Unit 3. The license provides that the licensee is subject to all rules, regulations, and orders of the Nuclear Regulatory Commission (the Commission) now or hereafter in effect.

The facility consists of a pressurized-water reactor at the licensee's site located in Citrus County, Florida.

II.

With respect to certain generic issues for facilities operating prior to January 1, 1979, except to the extent set forth in 10 CFR 50.48(b), 10 CFR Part 50, Appendix R, sets forth fire protection features required to satisfy general design Criterion 3 of the Commission's regulations. Pursuant to 10 CFR Part 50, Appendix R, Section III. O, "Oil collection system for reactor coolant pump," the reactor coolant pump (RCP) shall be equipped with an oil collection system which "...shall be capable of collecting lube oil from all potential pressurized and unpressurized leakage sites in the RCP lube oil system."

When replacing the RCP motors with new motors and re-designed RCP lube oil system, physical interference and other design difficulties prevented four specific sites in the RCP motor lube oil system from accommodating an oil collection system for collecting potential oil leakage. By letter dated June 7, 1993, as supplemented March 28, 1994, the licensee submitted an exemption request to exclude these four specific sites from leakage protection. On October 7, 1994, as appended on September 17, 1996, the NRC granted the requested exemption because it was determined that a collection system at the four specific sites was not necessary to achieve the underlying purpose of the regulation.

By letter dated November 13, 1997, the licensee informed the NRC that modifications had been made to the RCP Oil Collection System such that collection coverage for these four potential leakage sites was assured, and that the Crystal River Unit 3 RCP Oil Collection System now conforms to the requirements of 10 CFR Part 50, Appendix R, Section III. O. In the FPC letter, it was stated that the exemption issued on October 7, 1994, was no longer needed.

III.

The NRC has reviewed the information submitted by the licensee and concludes that the exemption granted for the four oil collection sites in the RCP motor lube oil system is no longer necessary. Specifically, the licensee has stated that modifications have been completed on the RCP Oil Collection System such that the system now conforms to the requirements of 10 CFR Part 50, Appendix R, Section III. O.

IV.

Accordingly, the Commission hereby revokes the specific exemption from 10 CFR Part 50, Appendix R, Section III. O, granted on October 7, 1994, as appended September 17, 1996, relating to oil collection in the RCPs.

This Revocation of Exemption is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

Robert A. Capra

Robert A. Capra, Acting Director
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Dated at Rockville, Maryland,
this 1st day of September 1998.

IV.

Accordingly, the Commission hereby revokes the specific exemption from 10 CFR Part 50, Appendix R, Section III. O, granted on October 7, 1994, as appended September 17, 1996, relating to oil collection in the RCPs.

This Revocation of Exemption is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

/s/

Robert A. Capra, Acting Director
 Division of Reactor Projects I/II
 Office of Nuclear Reactor Regulation

Dated at Rockville, Maryland,
 this 1st day of September 1998

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