

**Florida
Power**

CORPORATION
Crystal River Unit 3
Docket No. 50-302
Operating License No. DPR-72

May 17, 2000
3F0500-15

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555-0001

Subject: Report Required by Environmental Protection Plan

Dear Sir:

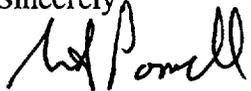
The Crystal River Unit 3 (CR-3) Environmental Protection Plan (EPP), Appendix B of the CR-3 Operating License establishes reporting requirements related to the National Pollutant Discharge Elimination System (NPDES) Permit. Section 3.2.4 of the EPP requires that NRC be provided with copies of proposed changes to the NPDES permit.

FPC has requested a temporary, minor revision of the NPDES permit to allow use of an alternate discharge flow path and sampling protocols during an upcoming maintenance activity. The attached letter to the State of Florida Department of Environmental Protection (DEP) provides the information on the requested changes.

There are no new regulatory commitments made in this submittal.

If you have any questions regarding this submittal, please contact Mr. Sid Powell, Manager, Nuclear Licensing at (352) 563-4883.

Sincerely

 FOR SLB

S.L. Bernhoft
Director, Nuclear Regulatory Affairs

SLB/smg

Attachment

xc: Regional Administrator, Region II
Senior Resident Inspector
NRR Project Manager

FLORIDA POWER CORPORATION
CRYSTAL RIVER UNIT 3
DOCKET NUMBER 50-302/LICENSE NUMBER DPR-72

ATTACHMENT

NPDES PERMIT NUMBER FL0000159 - LETTER AMENDMENT



May 17, 2000

Ms. Wanda Parker-Garvin
Industrial Wastewater Section
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Ms. Parker-Garvin:

Re: Florida Power Corporation Crystal River Unit Three
NPDES Permit Number FL0000159
Letter Amendment

Florida Power Corporation (FPC) is requesting a letter amendment that will allow use of an alternate flow path for Station Drain Tank (SDT-1) during its repair at the Crystal River Unit 3 (CR-3) site. This is an internal outfall that ultimately discharges via outfall D-0F into the discharge canal. This tank was inspected in 1998 and found to need recoating of the internal tank walls and floor to prevent future potential leaks. The repair process will require an approximate 8-week outage for SDT-1.

The CR-3 nuclear plant turbine system uses gland water seals which results in a continuous discharge of wastewater to the 10,000 gallon turbine building sump. Normally, this water is pumped twice per day from the turbine building sump up to the 100,000 gallon station drain tank. When the tank is filled, the water is sampled and monitored prior to discharge to outfall D-0F. SDT-1 is normally discharged once or twice per week.

FPC is requesting authorization to allow a discharge path from the turbine building sump directly to the existing internal outfall point without using SDT-1. This would result in a series of more frequent, lower volume releases from the turbine building sump. The simplified flow diagram attached shows the normal and proposed alternate flow paths. Since this is the same wastewater that is normally collected in SDT-1, the wastewater is expected to meet current limitations applicable to this discharge.

The proposed changes would not modify any of the existing effluent characteristics or discharge limitations. Sampling would be accomplished using a composite sampler that would provide representative sampling to characterize the effluent parameters. The compositor sampling protocol would require that some effluent would be collected in the composite sampler continuously during turbine building sump discharges. The effluent would be analyzed at least twice per week during the tank repair period. This frequency would result in more sampling on a volumetric discharge basis than the current sampling on a per batch basis for normal SDT-1 releases. FPC also requests that the discharge measurement frequency for all associated monitoring requirements be changed to twice per week, in lieu of the current monitoring requirements for once per batch, and/or once per day of discharge.

I appreciate your review and consideration of this request. Please contact me at (727) 826-4283 or via email at kent.hedrick@fpc.com with any questions or comments.

Sincerely,

/Original Signed by/

Kent D. Hedrick, PE
Manager, Environmental Programs

Attachment

Simplified Flow Path Diagram - Alternate Flow Path

