

ACCELERATED DOCUMENT DISTRIBUTION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9302100244 DOC. DATE: 93/01/28 NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 PLUNKETT, T.F. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Provides documentation re FPL current capabilities for
 offsite communications in event of radiological emergency.
 Offsite communications capabilities at facility prior to
 Hurricane Andrew were comprised to diverse sys.

DISTRIBUTION CODE: IE35D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 2
 TITLE: Emergency Preparedness-Appraisal/Confirmatory Action Ltr/Exercise Rep

NOTES:

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
PD2-2 PD	1 1	RAGHAVAN, L	1 1
INTERNAL: AEOD/DOA/IRB	1 1	NRR/DREP/PEPB9D	1 1
NRR/PMAS/ILRB12	1 1	NUDOCS-ABSTRACT	1 1
OC/LEMB	1 0	OE DIR	1 1
<u>REG FILE</u> 02	1 1	RGN2 FILE 01	1 1
EXTERNAL: NRC PDR	1 1	NSIC	1 1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 504-2065) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 12 ENCL 11

MA-4



FPL

P.O. Box 029100, Miami, FL, 33102-9100

JAN 28 1993

L-93-21
10 CFR 50 Appendix E

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Offsite Communications Systems and Capabilities

The purpose of this letter is to document Florida Power & Light Company's (FPL) current capabilities for offsite communications in the event of a radiological emergency at Turkey Point Unit 3 or 4. Additionally, this letter provides an update of FPL's plans to further enhance the diversity and redundancy of offsite communications capabilities at Turkey Point Plant.

FPL's offsite communications capabilities at Turkey Point Plant prior to the advent of Hurricane Andrew at the site on August 24, 1992, were comprised of diverse systems. The majority of the communications systems at Turkey Point before Hurricane Andrew were telephone or telephone line controlled systems. These systems either used Southern Bell's overhead copper wire or FPL's corporate fiber-optic system. Additionally, there were two radio systems located on-site for offsite communications. The Local Government Radio (LGR) system, designed to establish communication with the county Emergency Operations Center (EOC) and FPL's Emergency Offsite Facility (EOF), operated remotely from the control room. The Very High Frequency (VHF) system was operated by the Turkey Point Security Department and was designed to allow communications with the local law enforcement authorities via the Metro Dade County police radio system. Additionally, six cellular telephones were installed at Turkey Point Plant for emergency use. These cellular telephones had antennas installed on top of the plant support buildings and were provided with backup power from the Security emergency diesel generator.

Post-Hurricane Andrew, FPL developed enhancements to the offsite communications systems to provide additional means for notification to offsite locations during times of off-normal and emergency events. Several enhancements to the telephone communications systems have been completed. The Southern Bell overhead copper wire system was replaced with a buried fiber-optic cable which contains the dedicated circuits for state, federal and local notifications. A microwave link between Turkey Point and the FPL General Office (the Turkey Point EOF) has been

9302100244 930128
PDR ADOCK 05000250
F PDR

50030

an FPL Group company

Handwritten notes and signatures in the bottom right corner, including "DE 25" and "MEAD".

L-93-21
Page 2

installed to provide a backup to the FPL corporate fiber-optic system. Enhancements to the radio systems designed to provide redundancy to the existing systems include the addition of two radio systems. The VHF system and an Ultra High Frequency (UHF) system, capable of short range communication within the company and to state and local governments, have been installed. Replacement antennas for the radio systems have been purchased to allow recovery of the radio communication systems in the event the installed antennas are damaged.


With the implementation of these enhancements and the restoration of the communications systems existing prior to Hurricane Andrew (i.e., the LGR system, the Security Department VHF system, the cellular telephones, and the fiber optic telephone/telephone line controlled systems), the Turkey Point offsite communications capabilities exceed the requirements described in the Turkey Point Radiological Emergency Plan.

FPL plans to further enhance capabilities at Turkey Point Plant by installing a High Frequency Automatic Link Establishment (HF-ALE) radio system. The HF-ALE system will provide the capability for long range communications with the NRC in Atlanta as well as state and local governments. Installation of the HF-ALE system is now scheduled to be completed by April 30, 1993.

In summary, FPL has restored and enhanced the communications systems existing at Turkey Point Plant prior to Hurricane Andrew and will further enhance communications capabilities by installing an HF-ALE radio system by April 30, 1993.

If you have any questions regarding this information, please contact us.

Very truly yours,


T. F. Plunkett
Vice President
Turkey Point Nuclear

TFP/ejw

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Ross C. Butcher, Senior Resident Inspector, USNRC, Turkey
Point Plant