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 AUTH. NAME AUTHOR AFFILIATION  
 PLUNKETT, T.F. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
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SUBJECT: Forwards info re status of radiological emergency plan elements in place at facilities as result of Hurricane Andrew. Hurricane passed over facilities on 920824, causing damage to equipment relied on by emergency plan.

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SEP 09 1992

L-92-250  
10 CFR 50.47  
10 CFR 50, Appendix E

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

Gentlemen:

Re: Turkey Point Units 3 and 4  
Docket Nos. 50-250 and 50-251  
Radiological Emergency Plan

The purpose of this letter is to inform the NRC of the status of Radiological Emergency Plan elements at Turkey Point Units 3 and 4 as a result of Hurricane Andrew.

Hurricane Andrew passed over the Turkey Point Plant on August 24, 1992, causing damage to equipment which is relied upon by the Turkey Point Radiological Emergency Plan. Attached is the Turkey Point Units 3 and 4 Emergency Plan Assessment Report, with plan element status current as of September 7, 1992.

If you have any questions, please contact us.

Very truly yours,

T. F. Plunkett  
Vice President  
Turkey Point Plant

Attachment

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

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**TURKEY POINT UNITS 3 & 4 EMERGENCY PLAN ASSESSMENT REPORT  
AS OF SEPTEMBER 7, 1992**

Emergency Plan Element	Observed Condition	Corrective Action	Estimated Recovery Date	Remarks
Communication Equipment  State of Florida Hot Ring Down Telephone (dedicated circuit)	Initially out of service on 8/24/92. Intermittent service until repaired on 9/3/92.	Repair	Completed	Circuit on Southern Bell. Microwave to be migrated to buried fiber optics on Palm Drive. Estimated completion: 9/10/92.
Communication Equipment  NAWAS (to State/locals) (dedicated circuit)	Initially out of service on 8/24/92. Intermittent service until repaired on 9/3/92.	Repair	Completed	Circuit on Southern Bell. Microwave to be migrated to buried optics on Palm Drive. Estimated completion: 9/10/92.
Communication Equipment  Local Government Radio (to local government)	Initially out of service. Antennas and transmitters damaged by Hurricane Andrew.	Replace Transmitters and antennas.	10/05/92	
Communication Equipment  FTS-2000	Initially out of service on 8/24/92. Returned to service on 8/27/92.	Repair	Completed	Circuit on Southern Bell. Microwave to be migrated to buried fiber optics on Palm Drive. Estimated completion: 9/10/92.
Communication Equipment  Commercial Telephone (Southern Bell, Homestead Office)	Initially out of service on 8/24/92. Returned to service 8/27/92.	Repair	Completed	Circuit on Southern Bell. Microwave to be migrated to buried fiber optics on Palm Drive. Estimated completion: 9/10/92.
Communication Equipment  Commercial Telephone (FPL Fiber Optic Intelligent Network)	Initially out of service on 8/24/92. Returned to service 8/27/92.	Repair	Completed	Circuit on repaired Company fiber optics. Company microwave to be installed as a backup to fiber optics. Estimated completion: 9/4/92.

**TURKEY POINT UNITS 3 & 4 EMERGENCY PLAN ASSESSMENT REPORT  
AS OF SEPTEMBER 7, 1992 (Cont.)**

Emergency Plan Element	Observed Condition	Corrective Action	Estimated Recovery Date	Remarks
Meteorological Systems 10 Meter Tower	Tower/instrument loss during storm.  System power lost to tower.	Install new tower/instrumentation.  Restore system AC power.	Completed  To be determined	AC Generator providing power until AC system is restored.
Meteorological Systems 60 Meter Tower	Tower/instruments intact.  No system AC power.  Instruments out of calibration.	None  Restore system AC power  Calibrate instruments	N/A  To be determined  Completed	AC generator providing power until AC system is restored.
Meteorological Systems Backup Meteorological Data via Homestead Air Force Base	Homestead Air Force Base damaged.	Establish alternate meteorological data via National Weather Service.  Issue instructions to Control Room.	Completed  Completed	National Weather Service can issue Homestead weather in the same format.  Night order issued with new numbers.
Onsite Warning System and Response Public Address System  Unit 3  Unit 4	Functional (majority)  Functional (majority)	Test and Repair as appropriate  Test and Repair as appropriate	To be determined  To be determined	
Onsite Warning System and Response Motor Maintenance Circuits  (Alt. Shutdown Communication)	Under evaluation	Test and repair as appropriate	To be determined	

**TURKEY POINT UNITS 3 & 4 EMERGENCY PLAN ASSESSMENT REPORT  
AS OF SEPTEMBER 7, 1992 (Cont.)**

Emergency Plan Element	Observed Condition	Corrective Action	Estimated Recovery Date	Remarks
Onsite Warning System and Response  Site Evacuation Routes  Primary  Alternate	Initially Palm Drive was blocked with fallen trees and power lines.  Initially the canals and Card Sound Road were not passable.	Route cleared  Route cleared	Completed  Completed	Initially Levee Road to Canal Drive was opened, followed by Palm Drive.
Public Alert and Notification System  Siren System	The repeater antennas and sirens were damaged by storm.	Repair or Replace	09/24/92	State of Florida Emergency Plan lists "route alerting" as pre-planned alternate to sirens.
Facilities and Equipment  Technical Support Center (TSC)	Not used in storm  AC Power not restored  Communication loss similar to Control Room	N/A  Check wiring then test equipment  Test Communication equipment	Completed  Completed	TSC moved to Cable Spreading Room due to high winds  TSC communication test completed on 9/1/92.  Due to the damage inflicted by the hurricane in the vicinity of the water treatment plant, FPL will be installing a temporary fence that will revise the Protected Area boundary. This will result in the TSC being outside the Protected Area. This temporary configuration will be in place until about 12/1/92.
Facilities and Equipment  Control Room	No problems identified with equipment in Control Room	None	N/A	All indication of plant equipment satisfactory

**TURKEY POINT UNITS 3 & 4 EMERGENCY PLAN ASSESSMENT REPORT  
AS OF SEPTEMBER 7, 1992 (Cont.)**

Emergency Plan Element	Observed Condition	Corrective Action	Estimated Recovery Date	Remarks
Facilities and Equipment Operations Support Center (OSC)	Not used in storm  Maintenance Building needs power and cleaning	N/A  Provide power and clean	N/A  Complete	OSC moved to Auxiliary Building due to high winds. Moved to first floor Administration Building following storm.  Area now has power and ready for use, alternate facilities available.
Facilities and Equipment Emergency Operations Facility	Lost offsite power and operated off of diesels	None	N/A	Initially manned with skeleton crew, more responders the day after the storm.
Facilities and Equipment Emergency News Center	Lost offsite power and operated off of diesels	None	N/A	News center staffed for storm duty
Facilities and Equipment Chemistry Laboratory	Chemistry equipment not damaged by storm.	None	N/A	Chemistry equipment moved to Auxiliary Building prior to storm.
Offsite Assembly Areas Florida City Substation	Initially the Palm Drive access was not available and the Substation was littered and not accessible.	Evaluate Substation	9/24/92	The Florida City Substation is used by the Mobile Lab. It is equipped with phone, power, and radio antennas.
Offsite Assembly Areas South Dade Site	Initially, the access was impassable.	Clear route	Complete	
Offsite Assembly Areas Offsite Medical Support	Metro-Dade Fire Rescue Available	None	N/A	Fire Rescue is busy with storm recovery but will respond if requested.
Offsite Assembly Areas Contract Hospitals	Baptist and Mercy Hospitals were impacted but open.	None	N/A	Baptist and Mercy are busy with storm recovery but are available for use.



**TURKEY POINT UNITS 3 & 4 EMERGENCY PLAN ASSESSMENT REPORT  
AS OF SEPTEMBER 7, 1992 (Cont.)**

Emergency Plan Element	Observed Condition	Corrective Action	Estimated Recovery Date	Remarks
Offsite Assembly Areas Laboratory Sampling and Analysis	The Health Physics lab is in the Radiation Controlled Area.	None	N/A	
Emergency Response Organization and Staffing On shift staffing	Technical Specification staffing was maintained at all times.	None	N/A	Two shifts of staffing were maintained during the storm.
Emergency Response Organization and Staffing Augmented Staffing	The TSC, OSC, and Emergency Operations Facility (EOF) were minimally staffed for the hurricane.	None	N/A	
Emergency Response Organization and Staffing Security Staffing	Adequate Security force throughout storm.	None	N/A	
Emergency Response Organization and Staffing Fire Team	Adequate Fire Team support throughout the storm.	None	N/A	

