



SEP 26 2003

L-2003-238
10 CFR 50.36b

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

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Editorial Corrections to the 2002 Annual Radiological Environmental Operating Report

Florida Power and Light's (FPL) letter L-2003-112 submitted the 2002 Annual Radiological Environmental Operating Report for Turkey Point Units 3 and 4 on May 8, 2003, as required by the Technical Specification 6.9.1.3.

Subsequent review of the report discovered the need for minor editorial corrections. These corrections are described in the Enclosure with mark-up and clean pages included. These pages are replacement pages to the FPL letter submittal L-2003-112 dated May 8, 2003.

Should there be any questions, please contact Walter Parker at 246-6632.

Sincerely,

Terry O. Jones
Vice President
Turkey Point Plant

SM

Enclosure

NRC Regulatory Issue Summary 2001-05 waived the requirements that multiple copies of documents be submitted to the NRC.

IE25

Enclosure to L-2003-238

SUMMMARY OF EDITORIAL CORRECTIONS to L-2003-112

- **TABLE 1, Page 6 of 8:** The correct value for isotope ^{40}K "Control Locations Mean (f)^b Range" is 3068(2/2) instead of 3608(2/2).
- **TABLE 1, Page 7 of 8:** The correct value for isotope ^{40}K "All Indicator Locations Mean (f) Range" is 3722(24/24) instead of 722(24/24).
- **TABLE 1A, Pages 1 of 2 and 2 of 2:** The year of the indicated "Dates" for each Pathway for sections A through D is 02 instead of 03.
- **ATTACHMENT A, KEY TO SAMPLE LOCATIONS:** Distant REMP Sampling Location: This Map was changed to indicate the correct PTN location and to show locations NNE-22, and WSW-8.
- **ATTACHMENT A, KEY TO SAMPLE LOCATIONS:** The address for Natoma Substation is added in Page 1 of 4.

Enclosure to L-2003-238

Markup Pages

ENVIRONMENTAL RADIOLOGICAL MONITORING PROGRAM ANNUAL SUMMARY

Name of Facility Turkey Point Units 3 & 4, Docket No(s). 50-250 & 50-251Location of Facility Miami-Dade, Florida, Reporting Period January 1 - December 31, 2002
(County, State)

PATHWAY: INGESTION

SAMPLES COLLECTED: FISH

UNITS: pCi/kg, WET

Type and Total Number of Analyses Performed	Lower Limit of Detection ^a (LLD)	All Indicator Locations Mean (f) Range	Location with Highest Annual Mean		Control Locations Mean (f) ^b Range
			Name ^c	Mean (f) ^b	
			Distance & Direction	Range	
Gamma Isotopic, 4					
⁷ Be	---	<MDA	---	---	<MDA
⁴⁰ K	130	2736 (2/2) 2263 - 3208	T-81 6 mi., S	2736 (2/2) 2263 - 3208	36083068 (2/2) 2716 - 3421
⁵⁴ Mn	9	<MDA	---	---	<MDA
⁵⁹ Fe	16	<MDA	---	---	<MDA
⁵⁸ Co	9	<MDA	---	---	<MDA
⁶⁰ Co	10	<MDA	---	---	<MDA
⁶⁵ Zn	17	<MDA	---	---	<MDA
¹³⁴ Cs	9	<MDA	---	---	<MDA
¹³⁷ Cs	9	<MDA	---	---	<MDA
²²⁶ Ra	20	< MDA)	---	---	<MDA

Number of Non-routine Reported Measurements = 0

TABLE 1

ENVIRONMENTAL RADIOLOGICAL MONITORING PROGRAM ANNUAL SUMMARY
 Name of Facility Turkey Point Units 3 & 4, Docket No(s). 50-250 & 50-251
 Location of Facility Miami-Dade, Florida, Reporting Period January 1 - December 31, 2002
 (County, State)

PATHWAY: INGESTION

SAMPLES COLLECTED: BROAD LEAF VEGETATION

UNITS: pCi/kg, WET

Type and Total Number of Analyses Performed	Lower Limit of Detection ^a (LLD)	All Indicator Locations Mean (f) Range	Location with Highest Annual Mean		Control Locations Mean (f) ^b Range
			Name ^c	Mean (f) ^b	
			Distance & Direction	Range	
Gamma Isotopic, 36					
⁷ Be	71	1498 (24/24) 596 - 3233	T-40 3 mi., W	1572 (12/12) 596 - 3233	1306 (12/12) 490 - 1851
⁴⁰ K	100	3722 (24/24) 1745 - 7035	T-41 2 mi., W/NW	4531 (12/12) 2669 - 7035	4179 (12/12) 2291 - 5922
⁵⁸ Co	9	<MDA	---	---	<MDA
⁶⁰ Co	10	<MDA	---	---	<MDA
¹³¹ I	9	<MDA	---	---	<MDA
¹³⁴ Cs	8	<MDA	---	---	<MDA
¹³⁷ Cs	8	78 (23/24) 22 - 208	T-41 2 mi., W/NW	78 (11/12) 22 - 208	46 (1/12)
²¹⁰ Pb	---	579 (3/24) 296 - 749	T-40 3 mi., W	683 (1/12)	545 (1/12)
²²⁶ Ra	---	200 (1/24)	T-40 3 mi., W	200 (1/12)	< MDA

Number of Non routine Reported Measurements = 0

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TURKEY POINT PLANT – UNITS 3 & 4

TABLE 1A

(Page 1 of 2)

DEVIATIONS / MISSING DATA

- | | | |
|----|-------------------------|--|
| A) | Pathway: | Airborne, Radioiodines & Particulates |
| | Location: | T-57 , 4 miles NorthWest |
| | Dates: | 02/05/03-02 to 02/14/0302 |
| | Deviation: | Failure to provide continuous monitoring. |
| | Description of Problem: | Vacuum hose found disconnected from air sampling system; unknown cause. |
| | Corrective Action: | Reconnected hose, ensured good fit; checked connections at other air sampling locations. |
| | | |
| B) | Pathway: | Airborne, Radioiodines & Particulates |
| | Location: | T-51, 2 miles, NorthNorthWest |
| | Dates: | 05/06/03-02 to 05/13/0302 |
| | Deviation: | Failure to provide continuous monitoring. |
| | Description of Problem: | Partial sample collected; sampling station damaged by gunfire |
| | Corrective Action: | Repaired sampling station 'hut'; replaced sampling station equipment, ensured equipment operating correctly. |
| | | |
| C) | Pathway: | Airborne, Radioiodines & Particulates |
| | Location: | T-72, < 1 mile WestSouthWest |
| | Dates: | 06/03/03-02 to 06/12/0302 |
| | Deviation: | Failure to provide continuous monitoring. |
| | Description of Problem: | Partial sample collected; suspect power interruptions during sampling period. |
| | Corrective Action: | Ensured equipment operating correctly. |

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TURKEY POINT PLANT – UNITS 3 & 4

TABLE 1A

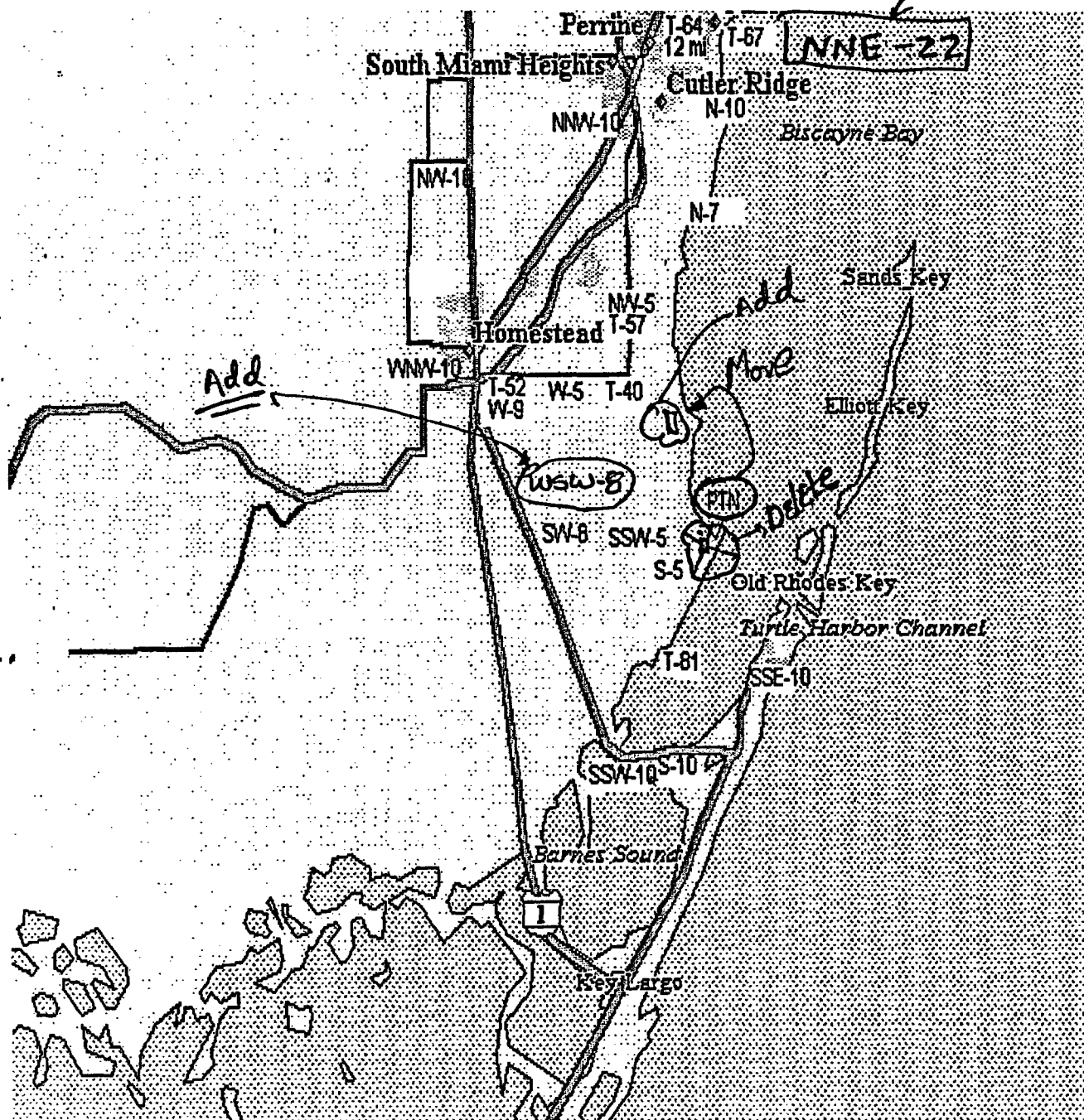
(Page 2 of 2)

DEVIATIONS / MISSING DATA

- | | | |
|----|-------------------------|---|
| D) | Pathway: | Airborne, Radioiodines & Particulates |
| | Location: | T-72, < 1 mile WestSouthWest |
| | Dates: | 08/28/03-02 to 09/12/03-02 , two sampling periods |
| | Deviation: | Failure to provide continuous monitoring. |
| | Description of Problem: | Power was unavailable during the end of the first sampling period and beginning of second sampling period; cause was construction activities and temporary shutdown of power. |
| | Corrective Action: | Ensured equipment operating correctly. |
| | | |
| E) | Pathway: | Direct Exposure |
| | Location: | WSW-8 , 8 miles WestSouthWest |
| | Dates: | Fourth calendar quarter |
| | Deviation: | Failure to provide continuous monitoring. |
| | Description of Problem: | TLDs missing when collection was attempted. |
| | Corrective Action: | Replaced missing TLD. |

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TURKEY POINT PLANT - UNITS 3 & 4

DISTANT REMP SAMPLING LOCATIONS



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TURKEY POINT PLANT – UNITS 3 & 4

ATTACHMENT A

PAGE 1 OF 4

PATHWAY: DIRECT RADIATION
SAMPLES COLLECTED: TLD
SAMPLE COLLECTION FREQUENCY: QUARTERLY

Location ^(a)

<u>Name</u>	<u>Description</u>
N-2	Convey Point, Parking Area
N-7	Black Point Marina Parking Lot
N-10	Old Cutler Rd. approx. 196th Street
NNW-2	East End North Canal Road
NNW-10	Bailes Road & U.S. #1
NW-1	Turkey Point Entrance Road
NW-5	Mowry Drive & 117th Avenue
NW-10	Newton Road, North of Coconut Palm Drive
WNW-10	Homestead Middle School
W-1	On-Site, North Side of Discharge Canal
W-5	Palm Drive & Tallahassee Road
W-9	Card Sound Road, 0.6 mile from U.S. #1
WSW-8	Card Sound Road, 3.4 miles from U.S. #1
SW-1	On-Site near Land Utilization Offices
SW-8	Card Sound Road, 5 miles from U.S. #1
SSW-5	On-Site, Southwest Corner of Cooling Canals
SSW-10	Card Sound Road, west side of Toll Plaza
S-5	On-Site, South East Corner of Cooling Canals
S-10	Card Sound Road at Steamboat Creek
SSE-1	Turtle Point
SSE-10	Ocean Reef
<u>Control</u>	
NNE-22	Natoma Substation <u>2475 SW 16 Ct</u>

^aThe location name is the direction sector - approximate distance (miles)

Enclosure to L-2003-238

Replacement Clean Pages

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TURKEY POINT PLANT – UNITS 3 & 4**

TABLE 1A

(Page 1 of 2)

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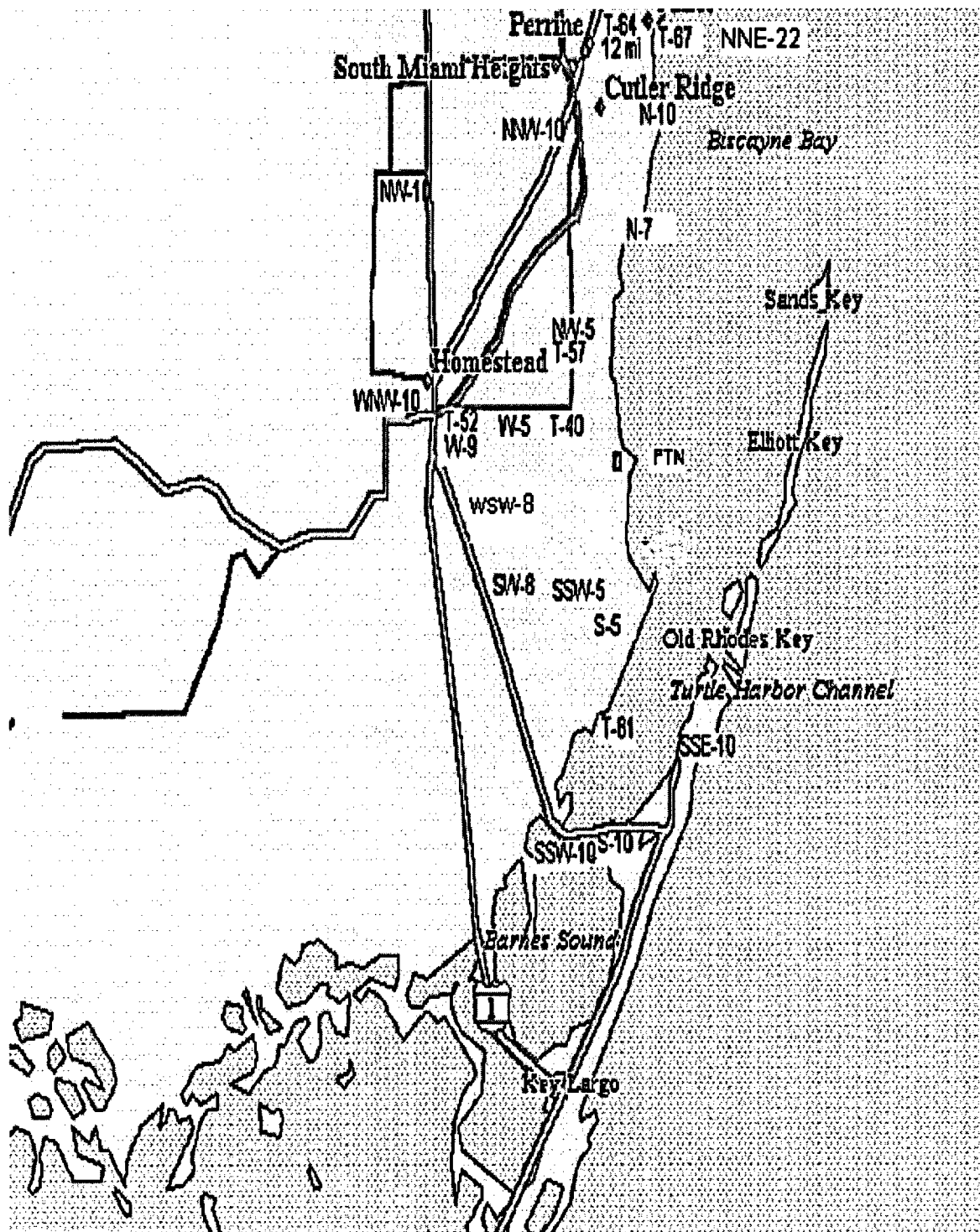
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TURKEY POINT PLANT – UNITS 3 & 4

ATTACHMENT A

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<u>Control</u>	
NNE-22	Natoma Substation 2475 SW 16 Ct

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