

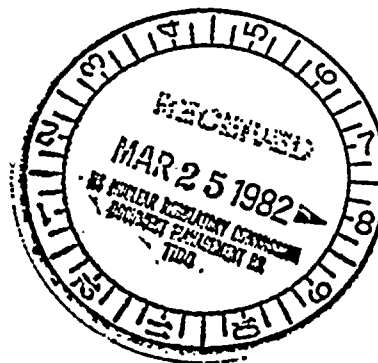


March 19, 1982
L-82-107

Office of Nuclear Reactor Regulation
Attention: Mr. Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Varga:

Re: Turkey Point Units 3 & 4
Docket Nos. 50-250 & 50-251
Disposal of Powdex Resins



This notification is being made pursuant to Section 4.3 of the Final Environmental Statement (FES), related to the Steam Generator Repair Program at Turkey Point Plant, Units 3 & 4, (NUREG-0743). The FES requires Florida Power and Light Company to notify the NRC in advance, if on site disposal is chosen for spent Powdex resins.

Florida Power & Light Company is preparing to temporarily dispose of non-radioactive spent Powdex materials in basins located on-site and east of the Turkey Point facility. These basins were formerly used as experimental fish ponds. This disposal method will be subject to final review and approval of the Company Environmental Review Group (CERG).

Very truly yours,

Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU/AJG/cab

cc: J. P. O'Reilly, Region II
Harold F. Reis, Esquire

COOL B
3/10



1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50



April 8, 1982

Mr. Don Palmer
Endangered Species Specialist
U.S. Fish and Wildlife Service
15 North Laura Street
Jacksonville, Fl. 32202

Dear Don:

As we discussed over the telephone about two weeks ago regarding the steam generator repair at Turkey Point Plant Units 3 and 4 (Docket 50 - 250 and 50 - 251), Florida Power & Light Company is planning on site disposal of Powdex resins from the condensate polishing demineralizer. A discussion of the demineralizer operation is included in Section 3.2, pages 6-7 (copy attached) of the Biological Assessment and Section 4.3.3, pages 4-18 and 4-19 (copy attached) of the Final Environmental Statement. As indicated in both these discussions, the resins will be monitored for radioactivity and, if within the Nuclear Regulatory Commission limits for unrestricted disposal, they will be disposed of in "shrimp ponds" B and C (see attached map and sketch). Thus for all practical purposes, the resins will not be radioactive.

Based on calculations by FPL, we feel that the two designated ponds could contain an amount of material for nearly 30 years of polisher operation. Originally when the ponds were built and first operated in the early 1970's, they held water but due to cracking of the clay liners on the bottom and aging of the vinyl liner on the sides, these ponds no longer hold water but would effectively contain the resins.

In my opinion, the Powdex resins in a "spent" form are environmentally benign (see attached document by Dr. Robert Kunin) and in no way will degrade the critical habitat of the American Crocodile or jeopardize the continued existence of the species.

Please call (305/552-3561) if you want to discuss this matter more or if you need additional information.

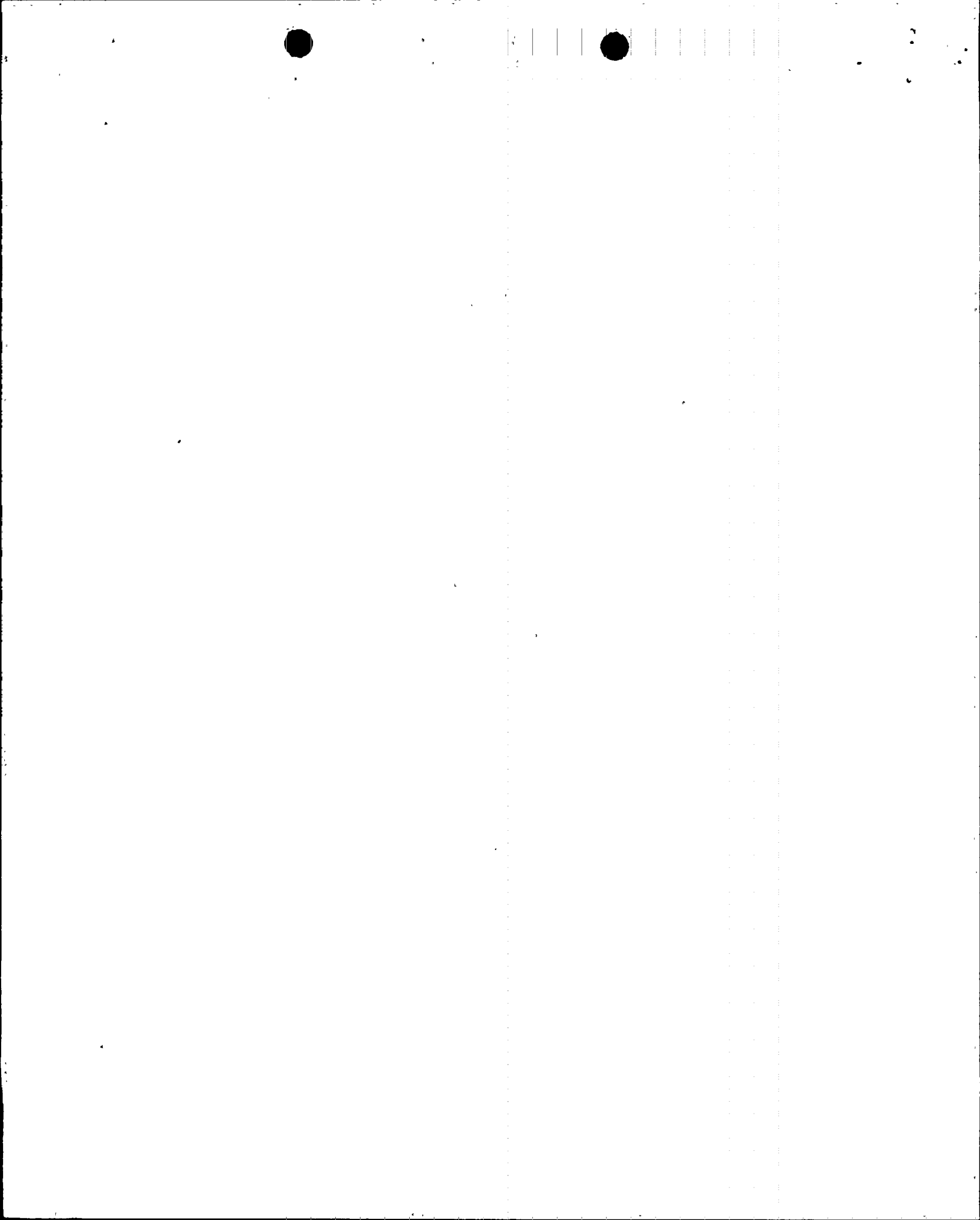
Sincerely,

J. R. Wilcox, Ph.D.
Chief Ecologist

JRW:mw

Attachments

bcc: Mike Masnik ✓



CHKD BY _____

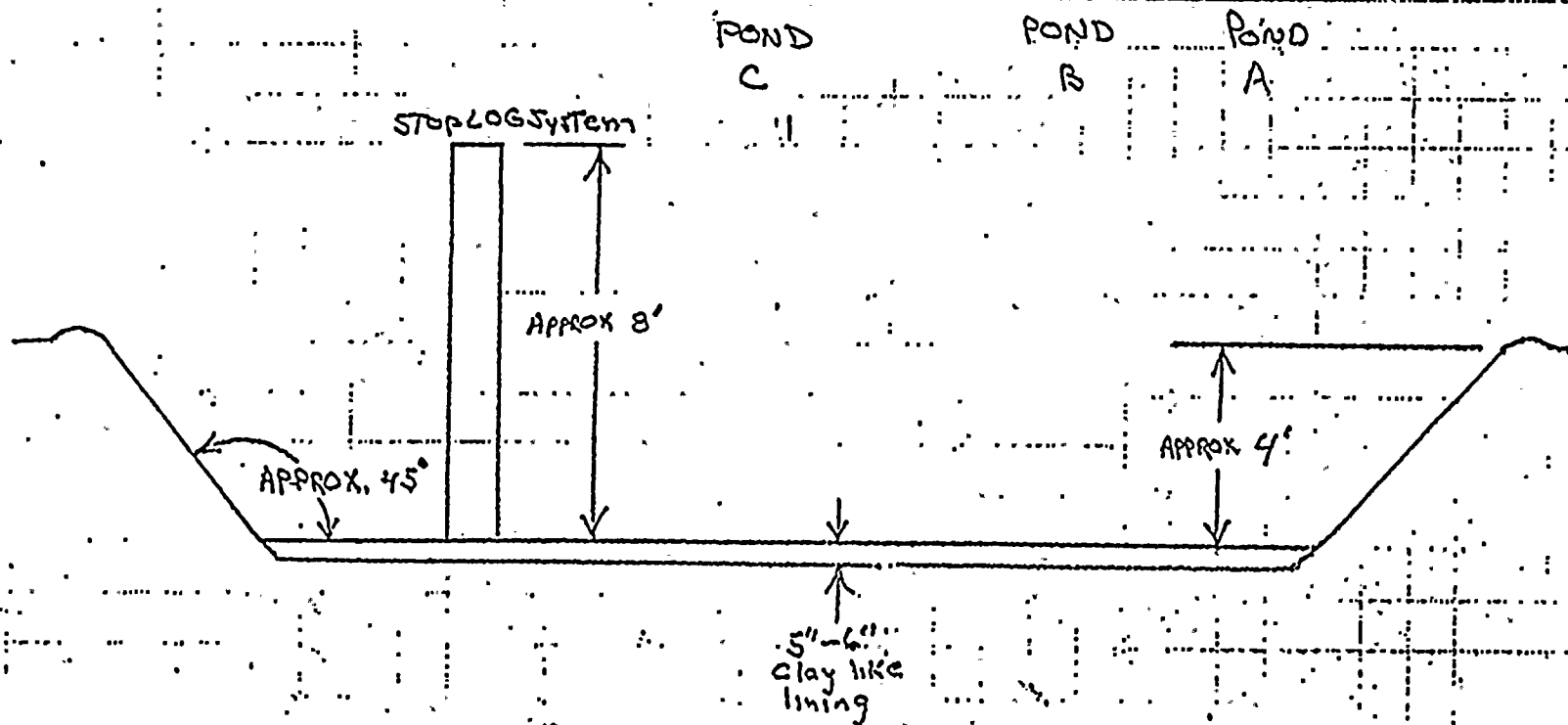
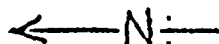
DATE _____



SHEET NO. _____ OF _____
PROJECT NO. _____

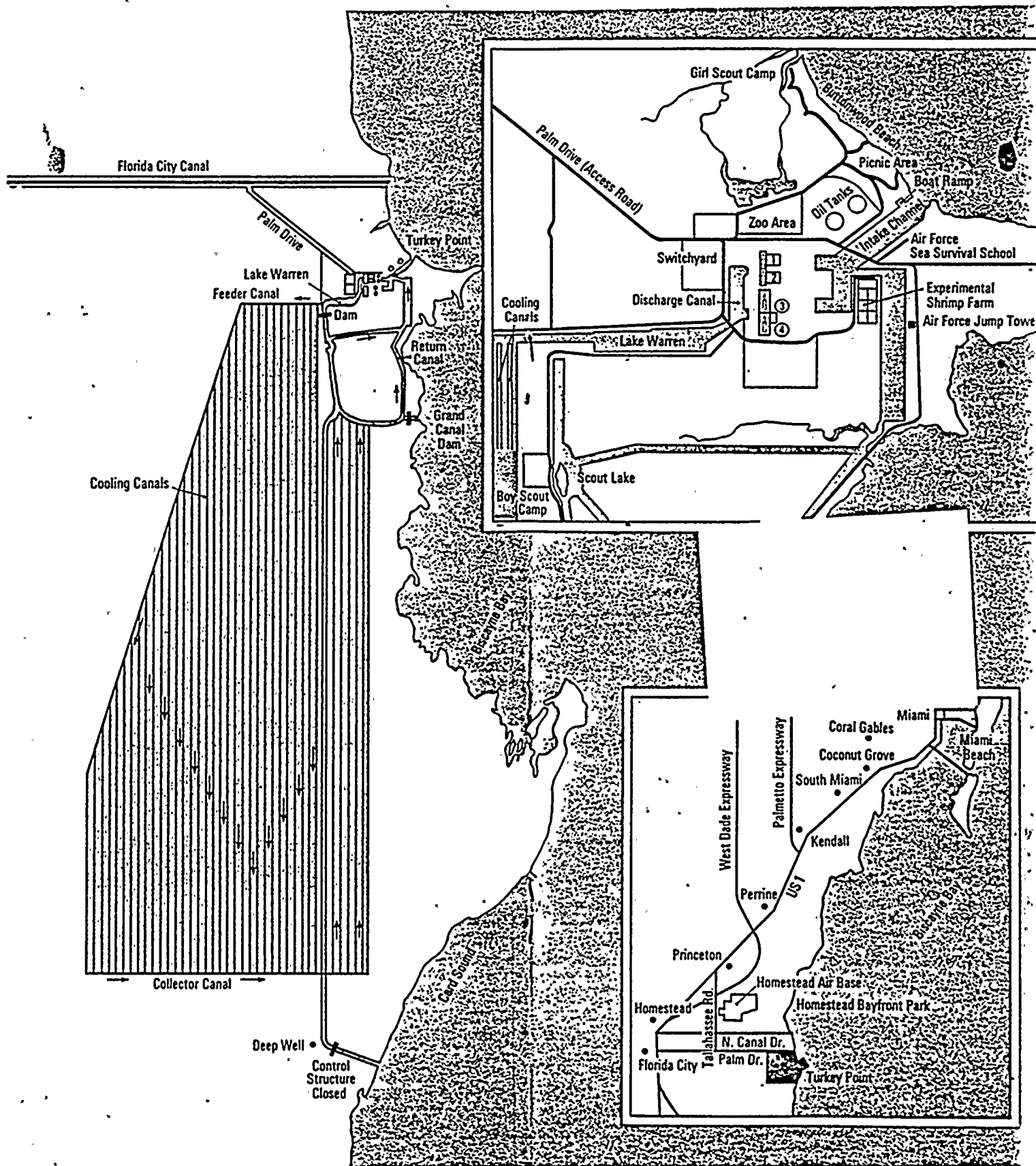
TURKEY POINT PLANT SHRIMP PONDS

1 ACRE POND	1/2 ACRE POND	1/4 ACRE POND	1/4 ACRE POND
DIMENSIONS: APPROX 208' X 208'	1/2 ACRE POND DIMENSIONS: APPROX 208' X 104'	1/4 ACRE POND DIMENSIONS: APPROX 104' X 104'	1/4 ACRE POND DIMENSIONS: APPROX 104' X 104'





1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100





United States Department of the Interior

FISH AND WILDLIFE SERVICE

15 NORTH LAURA STREET
JACKSONVILLE, FLORIDA 32202

April 22, 1982

Nuclear Licensing

Dr. J.R. Wilcox
Florida Power and Light Company
P.O. Box 529100
Miami, Florida 33152

FWS Log No. 4-1-80-F-219

Dear Dr. Wilcox:

This responds to your letter of April 8 regarding FP&L's decision to dispose of onsite spent Powdex resins from the Turkey Point Units 3 & 4 condensate polishing demineralizer. The areas selected are adjacent to the power plant, and at one time were used ponds.

After reviewing the information provided, including the report by Dr. Kunin, we agree that there would be no adverse impact to the American crocodile or adversely impact its Critical Habitat.

We appreciate that you notified us of this modification. If we can be of further assistance, please contact Don Palmer in this office.

Sincerely yours,

A handwritten signature in cursive script, reading "Donald J. Hankla", is positioned above the typed name.

Donald J. Hankla
Area Manager

