

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8305100165 DOC. DATE: 83/05/05 NOTARIZED: YES 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: URRIG, R.E. AUTHOR AFFILIATION: Florida Power & Light Co.
 RECIP. NAME: EISENHUT, D.G. RECIPIENT AFFILIATION: Division of Licensing

SUBJECT: Application to amend Licenses DPR-31 & DPR-41, deleting App
 B, ETS re terrestrial biological & physical monitoring
 programs, Request dtd 830210 re deletion of groundwater
 monitoring program withdrawn.

DISTRIBUTION CODE: A001S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5
 TITLE: OR Submittal: General Distribution

NOTES:

	RECIPIENT ID CODE/NAME		COPIES LTTR ENCL		RECIPIENT ID CODE/NAME		COPIES LTTR ENCL
	NRR ORB1 BC	01	7	7			
INTERNAL:	ELD/HDS4		1	0	NRR/DE/MTEB		1 1
	NRR/DL DIR		1	1	NRR/DL/ORAB		1 0
	NRR/DSI/METB		1	1	NRR/DSI/RAB		1 1
	REG FILE	04	1	1	RGN2		1 1
EXTERNAL:	ACRS	09	6	6	LPDR	03	1 1
	NRC PDR	02	1	1	NSIC	05	1 1
	NTIS		1	1			

[illegible][illegible]

1948 10 10

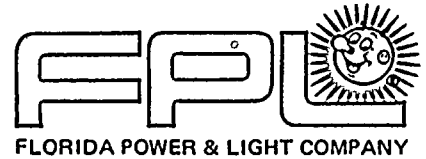
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 10

1992

100

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

○	△
●	▲
○	△
●	▲
○	△
●	▲
○	△
●	▲



May 5, 1983
L-83-284

50-250
251

~~April 25, 1983~~

Office of Nuclear Reactor Regulation
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. Darrell G. Eisenhut, Director

RE: Request for Deletion of the Turkey Point Plant
Appendix B, Environmental Technical Specifications
to Operating License Nos. DPR-31 and DPR-41

Dear Mr. Eisenhut:

Florida Power & Light Company respectfully requests the deletion of the Turkey Point Plant, Appendix B, Environmental Technical Specifications to Operating License Nos. DPR -31 and DPR-41 which addresses terrestrial biological and physical monitoring programs. The specifications for which deletion is requested are as follows:

<u>Section</u>	<u>Page</u>
4.2 Terrestrial Environment	4-3
4.2.1 Revegetation of Cooling Canal Banks	4-3
4.2.2 Long-Term Monitoring	4-4

Attachment A is a detailed listing of the ETS sections for which deletion is requested with justification supporting the requests.

In correspondence to NRC of February 10 and February 16, 1983, deletion of aquatic chemical, thermal and biotic monitoring and surveillance programs (ETS Sections 3.0 and 4.1), the Groundwater Monitoring Program (ETS Section 4.1.1.2) and ETS Section 2.0 (Environmental Protection Limits) were requested. The aquatic thermal, chemical and biological deletions were granted by Amendments 93 and 87 to Operating Licenses DPR-31 and DPR-41, respectively, effective March 11, 1983. FPL reiterates its request for NRC action on deletion of the Environmental Protection Limits (ETS Section 2.0).

Aoo!

8305100165 830505
PDR ADQCK 05000250
P PDR

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

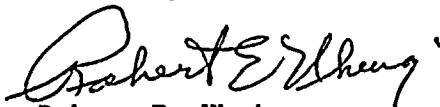
Mr. Darrell G. Eisenhut

Page 2

~~April 25, 1983~~

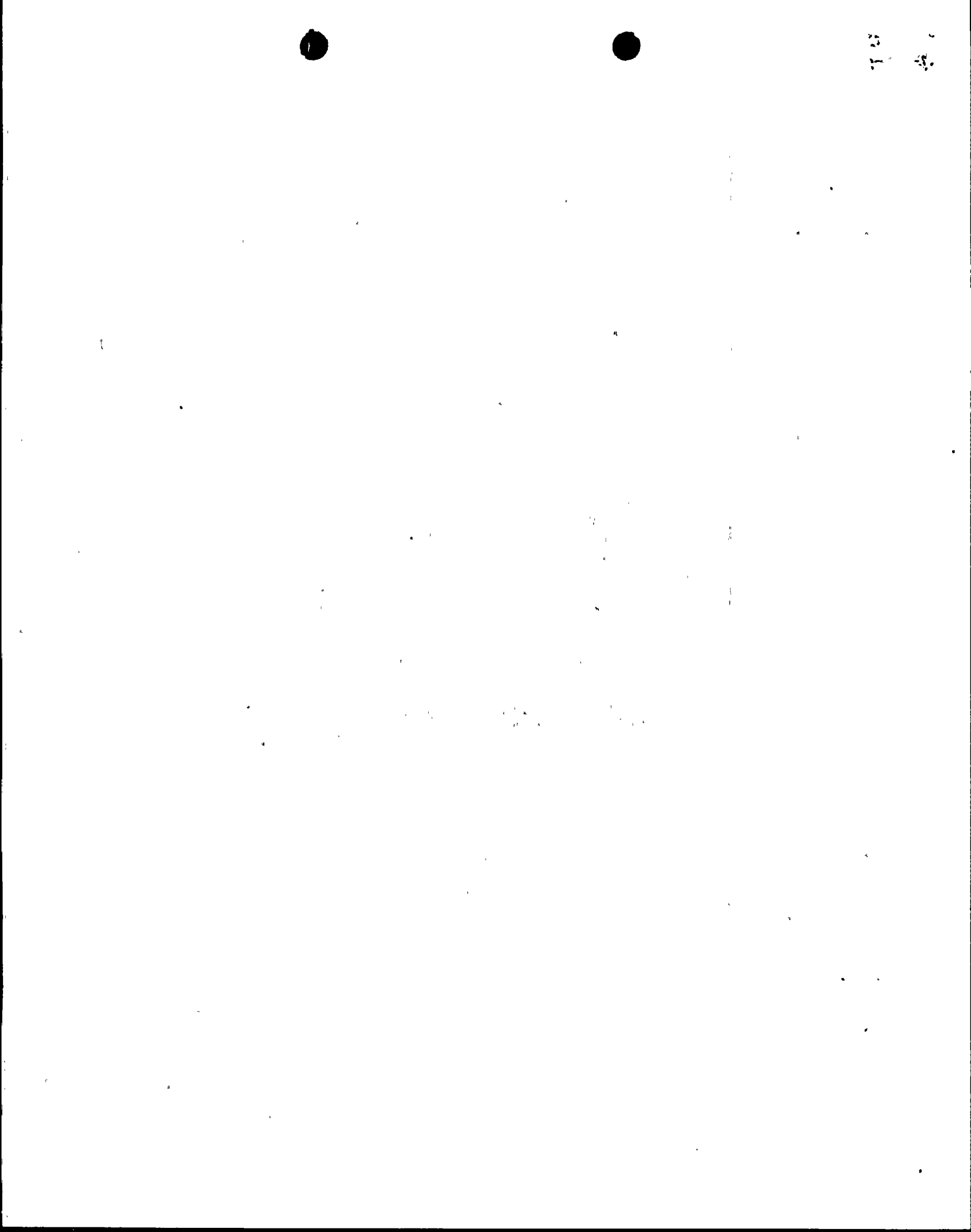
In regard to the Groundwater Monitoring Program, the February 10 request for deletion is being withdrawn pending finalization of a revised groundwater monitoring program which currently is being developed with the South Florida Water Management District. When the revised program is finalized, the request for deletion will be resubmitted to the NRC. Formal request for deletion of ETS Sections 1.0 (Definitions) and 5.0 (Administrative Control) will also be made at that time.

Sincerely,



Robert E. Uhrig
Vice President
Advanced Systems & Technology

REU:ADB:saj

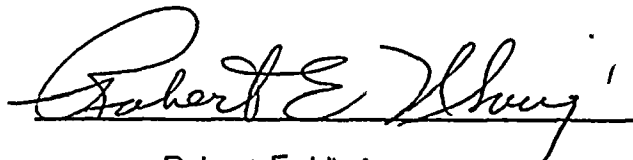


STATE OF FLORIDA)
) ss.
COUNTY OF PALM BEACH)

Robert E. Uhrig, being first duly sworn, deposes and says:

That he is Vice President of Florida Power & Light Company, the Licensee herein;

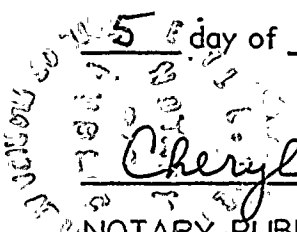
That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.



Robert E. Uhrig

Subscribed and sworn to before me this

5 day of May, 1983.


Cheryl L. Fredrick

NOTARY PUBLIC, in and for the County
of Palm Beach, State of Florida.

My commission expires: Notary Public, State of Florida at Large
My Commission Expires October 30, 1983
Bonded thru Maynard Bonding Agency

RECEIVED
JAN 10 1964
U.S. DEPT. OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.

ATTACHMENT A

4.2 Terrestrial Environment

4.2.1 Revegetation of the Cooling Banks

4.2.1.1 This program shall analyze soils of the berms for pH, chloride content and selected nutrients. Soil samples shall be taken at points (1) just above the canal water level, (2) halfway between the water and the top of the soil bank, and (3) from the top of the banks. Tests to determine erosion rates in both the wet and dry season shall also be performed. Simultaneously, a biological study shall be conducted to identify the number and species of fauna, as practicable, associated with these banks, as compared to baseline data. The survey shall include both species that are permanent residents (e.g., amphibians, reptiles) and transient users (e.g., birds) of the habitat.

4.2.1.2 An experimental program shall be conducted to revegetate the canal berms using native and/or commercially useful species that will colonize the spoil banks. The rate of this revegetation effort shall be compared with the natural rate of revegetation that occurs on other berms of the system.

4.2.1.3 Reporting Requirements

Results of the studies in paragraph 4.2.1. shall be included in the Annual Environmental Monitoring Report. The requirements under 4.2.1.2 shall be fulfilled and summarized in a summary report to be submitted to the NRC when the study has been completed.

The experimental revegetation program of 4.2.1.2 has been previously completed and deleted.

4.2 through JUSTIFICATION FOR DELETION

4.2.1.3

Eight years of studies are adequate to define the limiting nutrients for the area and conclude that upland species of both plants and animals will continue to invade the canal system and that elevated topography and increased shoreline are the primary factors influencing species shifts. Erosion rate studies on the cooling canal berms have not resulted in any information of particular concern. Further monitoring will only give more support to the conclusions already drawn. Deletion for these sections is requested.

4.2.2 Long-Term Monitoring

Objective

To obtain information which will help to evaluate the long-term impact of the cooling canals.



1

Specifications

In conjunction with the work described in paragraph 4.2.1, long-term monitoring shall include:

4.2.2.1 Annual color infrared aerial photographs will be made of the site at a scale of 1:24,000.

4.2.2.2 Surveillance of canal banks to document changes in edaphic and floristic conditions, especially reinvasion by native flora such as red mangrove.

4.2.2.1 &
4.2.2.2

JUSTIFICATION FOR DELETION

Annual color infrared aerial photographs taken for the past eight years have shown only limited vegetational changes. Photographic analysis has indicated that natural phenomena such as freezes and fires have had a far greater effect on major vegetational changes than any effects from power plant and cooling system operation. Deletion of these sections is requested.

(Edaphic explanations are covered in 4.2.1.1 of this document)

Recolonization by upland trees and shrubs is occurring primarily along the western (upland) boundaries of the system, while salt-grass and buttonwood tend to dominate the eastern berms. Australian Pine have spread on any high ground and seems to prefer a loose, open substrate. Deletion of this monitoring requirement is requested.

A vegetation control program has been in progress for the past 3 years. The program is designed to eliminate tall woody species which impede airflow over the cooling canal system and inhibit evaporative cooling. This necessary ongoing control program severely limits the usefulness of data collected to demonstrate recolonization patterns.

4.2.2.3 Annual sampling of selected soil and flora west and south of the canal system to determine the impact of the canal system on the surrounding vegetation.

4.2.2.3 JUSTIFICATION FOR DELETION

Examination of the numbers of species observed for the first time each year since initiation of the program have shown that there have been no major changes in the species list since the change that occurred between December 1976 and December 1977, following the freeze of January 1977.

Results continue to indicate primary impacts are a result of agents such as freezes and extended dry periods and not cooling canal system induced effects. Deletion of this monitoring requirement is requested.

11-11-66

