

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 4375

FILE: ENVIRON

FROM: Florida Power & Light Company Miami, Fla. 33101 Mr. W.J. Barrow, Jr.			DATE OF DOC 5-8-74	DATE REC'D 5-14-74	LTR X	MEMO	RPT	OTHER
TO: A. G. Everett			ORIG none	CC	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 2		DOCKET NO: 50-250/251		

DESCRIPTION:
Ltr trans the following.....

*w/3 cys ACRS, 2 cys EPA, and 2 cys Dept. of Interior.

PLANT NAME: Turkey Point 3 & 4

ENCLOSURES:
Groundwater Monitoring Data Report Sequence
No. 23 for May 1, 1974 monitoring period.
ACKNOWLEDGED
(2 cys encl rec'd)

DO NOT REMOVE

FOR ACTION/INFORMATION 5-16-74 JB

BUTLER(L)	SCHWENCER(L)	ZIEMANN(L)	REGAN(E)
W/ Copies	W/ Copies	W/ Copies	W/ Copies
CLARK(L)	STOLZ(L)	DICKER(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies
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W/ Copies	W/ Copies	W/ Copies	W/ Copies
KNIEL(L)	PURPLE (L)	YOUNGBLOOD(E)	
W/ Copies	W/ Copies	W/ Copies	W/ Copies

INTERNAL DISTRIBUTION

<u>REG FILE (L-251)</u>	<u>TECH REVIEW</u>	DENTON	<u>LIC ASST</u>	<u>A/T IND</u>
<u>AEC PDR ((L-251)</u>	HENDRIE	GRIMES		BRAITMAN
OGC, ROOM P-506A	SCHROEDER	GAMMILL	DIGGS (L)	SALTZMAN
MUNTZING/STAFF	MACCARY	KASTNER	GEARIN (L)	B. HURT
CASE	KNIGHT	BALLARD	GOULBOURNE (L)	<u>PLANS</u>
GIAMBUSSO	PAWLICKI	SPANGLER	LEE (L)	MCDONALD
BOYD	SHAO		MAIGRET (L)	DUBE w/Input
MOORE (L) (BWR)	STELLO	<u>ENVIRO</u>	REED (E)	<u>INFO</u>
DEYOUNG (L) (PWR)	HOUSTON	MULLER	SERVICE (L)	C. MILES
SKOVHOLT (L)	NOVAK	DICKER	SHEPPARD (L) (m/c)	KLECKER
GOLLER (L)	ROSS	KNIGHTON	* SLATER (E)	EISENHUT
P. COLLINS	IPPOLITO	YOUNGBLOOD	SMITH (L)	<u>Purple</u>
DENISE	TEDESCO	REGAN	TEETS (L)	<u>AOR FILE</u>
<u>REG OPR</u>	LONG	PROJECT LDR	WADE (E)	D. THOMPSON (2)
<u>FILE & REGION(3)</u>	LAINAS	<u>Cleveland</u>	WILLIAMS (E)	
MORRIS	BENAROYA	HARLESS	WILSON (L)	
	VOLLMER			

EXTERNAL DISTRIBUTION

✓ 1 - LOCAL PDR Homestead, Fla.	✓ (1) (2) (10) NATIONAL LAB'S <u>PNWL</u>	1-PDR-SAN/LA/NY
✓ 1 - TIC (ABERNATHY)	1-ASLBP (E/W Bldg, Rm 529)	1-GERALD LELLOUCHE
✓ 1 - NSIC (BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	BROOKHAVEN NAT. LAB
1 - ASLB	1-CONSULTANT'S	1-AGMED (Ruth Gussman)
1 - F. R. DAVIS (AEROJET NUCLEAR)	NEWMARK/BLUME/AGBABIAN	RM-B-127, GT.
✓ (3) - CYS ACRS XXXXXX Sent to Slater	1-GERALD ULRIKSON...ORNL	1-RD..MULLER..F-309 GT
5-16-74	✓ 1-B & M SWINEBROAD, Rm E-201 GT	

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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



May 8, 1974

Dr. A. Gordon Everett, Director
Office of Technical Analysis
Environmental Protection Agency
Room 3211 G.- Waterside Mall
4th & M Streets, S.W.
Washington, D. C. 20460

Dear Dr. Everett:

Re: Groundwater Monitoring Program
Report Sequence No. 23
Turkey Point, Dade County, Florida

Attached is the Groundwater Monitoring Data Report Sequence No. 23 taken from the EPA (E-Series) wells. This report is for the May 1, 1974, monitoring period and is a requirement of the Consent Decree.

Sincerely,

W. J. Barrow, Jr.
W. J. Barrow, Jr.
Environmental Affairs

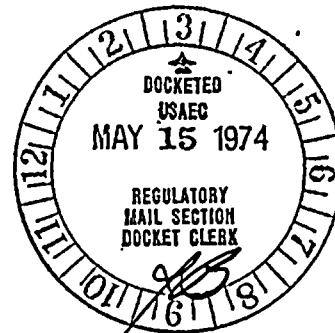
JJO:rs

Enc.

cc: Allen W. Kirk, EPA
Jack Ravan, EPA, (NPDES Permit No. FL0001562)
Nathaniel Reed, Dept. of the Interior
Richard S. Cleveland, USAEC (Docket No. 50-250, 50-251)
U. S. District Court (CA 70-328-CA)
Alex Senkevich, Fla. Dept. of Pollution Control
Warren G. Strahm, Fla. Dept. Pollution Control, Ft. Lauderdale
David R. Hopkins, EPA, Ft. Lauderdale
Groundwater Working Group - All Members



50-250
50-251



4375

GROUNDWATER MONITORING DATA
FOR
TURKEY POINT - EPA WELLS (E-SERIES)

SHEET 1 of 4

WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT						NOTES
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIV- ITY (MICROMHOS PER CM)	TEMP. ° C	RESIDUAL CHLORINE PPM	WATER SAMPLE	
								DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)					
E-1	5/2	1540	3.44	3.60	-0.16	NSW		20	-16.56	15000	24.2	0.0	✓	
								40	-36.56	51000	24.5			
								60	-56.56	53000	24.5			
E-2	5/2	1530	2.33	2.15	0.18	NSW		20	-17.67	49000	24.4	0.0	✓	
								40	-37.67	51000	24.3			
								60	-57.67	53500	24.5			
E-3	5/30	1600	4.89	4.32	0.57	NSW		20	-15.11	31000	25.5	0.0	✓	
								40	-35.11	46000	26.0			
								60	-55.11	51500	25.5			
E-4	5/30	1540	2.41	2.00	0.41	NSW		20	-17.59	34000	25.2	0.0	✓	
								40	-37.59	55000	24.8			
								60	-57.59	59000	25.0			
E-5	4/30	1510	7.37	7.30	0.07	NSW		20	-12.63	48000	31.8	0.0	✓	
								40	-32.63	54000	31.5			
								60	-52.63	54500	30.1			
E-6	4/30	1500	6.52	5.90	0.62	NSW		20	-13.48	43500	27.7	0.0	✓	
								40	-33.48	52500	27.5			
								60	-53.48	58500	26.6			

GROUNDWATER MONITORING DATA
FOR
TURKEY POINT - EPA WELLS (E-SERIES)

SHEET 2 of 4

WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT						NOTES
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIV- ITY (MICROMHOS PER CM)	TEMP. ° C	RESIDUAL CHLORINE	WATER SAMPLE	
E-7	5/2	1307	2.04	1.74	0.30	NSW		20	-17.96	54 sec	26.8	0.0	✓	
								40	-37.96	51 sec	25.4			
								60	-57.96	61 sec	25.3			
E-8	5/2	1320	4.23	3.82	0.41	NSW		20	-15.77	51 sec	25.7	0.0	✓	
								40	-35.77	55 sec	25.5			
								60	-55.77	56 sec	25.3			
E-9	5/2	1315	4.20	3.93	0.27	NSW		20	-15.80	52 sec	24.6	0.0	✓	
								40	-35.80	55 sec	23.5			
								60	-55.80	57 sec	24.7			
E-10	5/2	1330	4.19	3.59	0.60	NSW		20	-15.81	48 sec	25.0	0.0	✓	
								40	-35.81	54 sec	25.0			
								60	-55.81	56 sec	25.0			
E-11	5/2	1335	4.23	3.83	0.50	NSW		20	-15.77	52 sec	24.4	0.0	✓	
								40	-35.77	53 sec	24.4			
								60	-55.77	56 sec	24.7			
E-12	5/2	1340	3.56	2.93	0.63	NSW		20	-16.44	56 sec	25.0	0.0	✓	
								40	-36.44	54 sec	25.3			
								60	-56.44	56 sec	24.8			

GROUNDWATER MONITORING DATA
FOR
TURKEY POINT - EPA WELLS (E-SERIES)

SHEET 3 of 4

WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT						NOTES
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIV- ITY (MICROWHOS PER CM)	TEMP. ° C	RESIDUAL CHLORINE PPM	WATER SAMPLE	
								DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)					
E-13	5/2	1350	3.96	3.41	0.55	3.17	0.79	20	-16.04	53500	24.8	0.0	✓	
								40	-36.04	54500	25.0			
								60	-56.04	54500	25.0			
E-14	5/2	1153	3.47	3.08	0.39	NSW		20	-16.53	48500	25.4	0.0	✓	
								40	-36.53	55500	25.0			
								60	-56.53	56000	24.8			
E-15	5/2	1145	3.63	3.14	0.49	NSW		20	-16.37	50500	24.9	0.0	✓	
								40	-36.37	53500	25.0			
								60	-56.37	55500	24.9			
E-16	5/2	1130	4.83	4.20	0.63	NSW		20	-15.17	45500	25.2	0.0	✓	
								40	-35.17	52500	25.4			
								60	-55.17	55000	25.0			
E-17	5/2	1140	2.31	1.68	0.63	NSW		20	-17.69	47000	25.2	0.0	✓	
								40	-37.69	54000	25.1			
								60	-57.69	56500	25.0			
E-18	5/2	1045	3.23	2.50	0.73	NSW		20	-16.77	45500	24.8	0.0	✓	
								40	-36.77	53000	25.0			
								60	-56.77	55000	25.0			

SHEET 4 of 4

WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT						NOTES
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIV- ITY (MICROMHOS PER CM)	TEMP. ° C	RESIDUAL CHLORINE PPM	WATER SAMPLE	
								DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)					
E-19	5/2	1540	3.61	2.89	0.72	N50		20	-16.39	7000	24.4	0.0	✓	
								40	-36.39	6000	24.1			
								60	-56.39	4000	24.1			
E-20	5/1	1545	4.04	3.38	0.66	N50		20	-15.96	7000	24.3	0.0	✓	
								40	-35.96	6000	24.3			
								60	-55.96	4000	24.1			
E-21	5/1	1535	3.24	2.39	0.85	N50		20	-16.76	7000		0.0	✓	
								40	-36.76	6000	24.0			
								60	-56.76	4000	24.0			
E-22	5/2	1025	2.41	1.52	0.89	N50		20	-17.59	5400	21.6	0.0	✓	
								40	-37.59	5000	24.8			
								60	-57.59	4000	23.8			
E-23	5/2	1030	4.29	3.66	0.63	3.53	1.74	20	-15.71	5400	25.0	0.0	✓	
								40	-35.71	4800	25.2			
								60	-55.71	4800	25.2			

