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FILE NUMBER
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TO: J. Ravan

FROM: Florida Power & Light Co.
Miami, Florida.
W.S. Tucker

DATE OF DOCUMENT
7-16-76

DATE RECEIVED
7-21-76

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DESCRIPTION

Ltr. trans the following.....

PLANT NAME: Turkey Pt. # 3 & 4

ENCLOSURE

Groundwater Monitoring Data Report Sequence # 49
for July, 1976.....
(1 Carbon Signed Cy. Received)
(5 Pages)

ACKNOWLEDGED

DO NOT REMOVE

SAB 7-22-76

SAFETY

FOR ACTION/INFORMATION

ENVIRO

ASSIGNED AD:

ASSIGNED AD:

BRANCH CHIEF:

Lear

BRANCH CHIEF:

PROJECT MANAGER:

PROJECT MANAGER:

LIC. ASST.:

Parrish

LIC. ASST.:

INTERNAL DISTRIBUTION

~~REG FILE~~

SYSTEMS SAFETY

PLANT SYSTEMS

SITE SAFETY &

NRC-PDR

HEINEMAN

TEDESCO

ENVIRO ANALYSIS

1 & E (2)

SCHROEDER

BENAROYA

DENTON & MULLER

OELD

LAINAS

GOSSICK & STAFF

ENGINEERING

IPPOLITO

ENVIRO TECH

MIPC

MACCARRY

KIRKWOOD

ERST

CASE

KNIGHT

OPERATING REACTORS

BALLARD

HANAUER

SIREWELL

STELLO

SPANGLER

HARLESS

PAWLICKI

SITE TECH.

PROJECT MANAGEMENT

REACTOR SAFETY

OPERATING TECH.

GARNILL

BOYD

ROSS

EISENHUT

STAPP

P. COLLINS

NOVAK

SHAO

HULMAN

HOUSTON

ROSZTOCZY

BAER

SITE ANALYSIS

PETERSON

CHECK

BUTLER

VOLLMER

MELTZ

GRIMES

BUNCH

HELTENES

AT & I

J. COLLINS

SROVHOLT

SALTZMAN

EEGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

PDR: Miami, Florida

NAT. LAB:

BROOKHAVEN NAT LAB

PIC:

REG. VIE

ULRIKSON (ORNL)

NSIC:

LA PDR

ASLB:

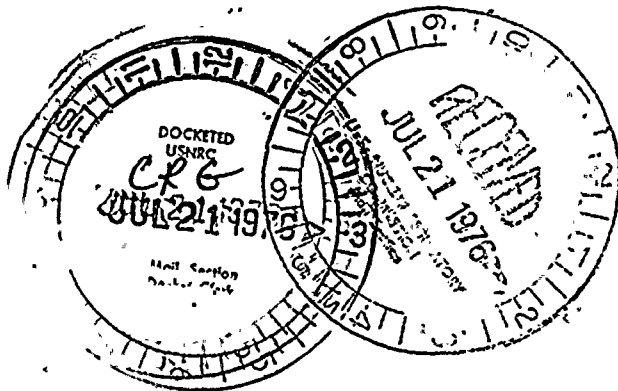
CONSULTANTS

7334



Regulatory

File. Cy.



July 16, 1976

Mr. Jack Ravan
Regional Administrator
Environmental Protection Agency
1421 Peachtree Street, N. E.
Atlanta, Georgia 30309

Dear Mr. Ravan:

Re: Groundwater Monitoring Program
Report Sequence No. 49
Turkey Point, Dade County, Florida

Attached is the Groundwater Monitoring Data Report
Sequence No. 49 taken from the EPA wells (E-Series)
for the July 1976 reporting period.

Sincerely,

W. S. Tucker
W. S. Tucker, Manager
Environmental Affairs

Enc.

cc: Nathaniel Reed, Dept. of the Interior
Donald Elliot, USNRC (Appendix B, Environmental
Tech. Specs.)
U. S. District Court
Southeast District, Fla. Dept. of Env. Regulation
Groundwater Working Group Members

7334

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

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 DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	CONDUCTIVITY (MICROMHOS PER CM)	TEMP. °C	RESIDUAL CHLORINE PPM		WATER SAMPLE
E-1	6-30	0925	3.44	3.02	0442	NSW		20	-16.56	49000	24.8	0.0	✓	
								40	-36.56	53500	24.7			
								60	-56.56	54000	24.6			
E-2	6-30	0925	2.33	1.14	1.09	NSW		20	-17.67	51000	24.8	0.0	✓	
								40	-37.67	53000	24.6			
								60	-57.67	53500	24.6			
E-3	6-30	0910	4.89	4.71	0115	NSW		20	-15.11	48500	27.5	0.0	✓	
								40	-35.11	57000	29.1			
								60	-55.11	57500	29.9			
E-4	6-30	0845	2.41	1.99	0245	NSW		20	-17.59	38000	25.2	0.0	✓	
								40	-37.59	52000	25.2			
								60	-57.59	55500	25.2			
E-5	6-30	0945	7.37	5.98	1.39	NSW		20	-12.63	53500	35.7	0.0	✓	
								40	-32.63	54000	35.9			
								60	-52.63	61000	33.1			
E-6	6-30	0955	6.52	5.35	1.17	NSW		20	-13.48	50500	31.0	0.0	✓	
								40	-33.48					Well Blocked
								60	-53.48					



1
2
3

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				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIVITY MICROMHOS PER CM	TEMP. °C	RESIDUAL CHLORINE		WATER SAMPLE
								DEPTH BELOW REF. (FT.)	ELEV. (FT.,MSL)					
E-7	6-29	1310	2.04	1.05	0.99	0.59	1.45	20	-17.96	45.00	27.5	0.0	✓	
								40	-37.96	53.50	25.4			
								60	-57.96					Blocked
E-8	6-29	1330	4.23	3.18	1.05	NSW		20	-15.77	51.00	25.7			
								40	-35.77	54.50	24.7			
								60	-55.77	54.50	24.3			
E-9	6-29	1320	4.20	3.00	1.20	2.95	1.25	20	-15.80	51.50	25.2			
								40	-35.80	55.20	24.3			
								60	-55.80	55.00	24.2			
E-10	6-29	1340	4.19	2.92	1.27	2.51	1.68	20	-15.81	53.50	24.5			
								40	-35.81	57.00	24.2			
								60	-55.81	54.00	24.5			
E-11	6-29	1350	4.23	2.95	1.28	2.73	1.50	20	-15.77	52.50	24.6			
								40	-35.77	59.00	24.4			
								60	55.77	54.00	24.5			
E-12	6-29	1400	3.56	2.43	1.13	2.12	1.44	20	-16.44	54.50	25.0			
								40	-36.44	54.50	24.5			
								60	-56.44	51.50	24.5			

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TURKEY POINT - EPA WELLS (E-SERIES)

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	CONDUCTIVITY (MICROMHOS PER CM)	TEMP. °C	RESIDUAL CHLORINE PPM	WATER SAMPLE		
						DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)							
E-13	6-29	1410	3.96	2.76	1.20	2.55	1.41	20	-16.04	52,000	25.0	0.0	✓	
								40	-36.04	54,000	24.6			
								60	-56.04	54,000	24.5			
E-14	6-29	1420	3.47	2.59	0.88	2.69	0.78	20	-16.53	50,000	25.0	0.0	✓	
								40	-36.53	50,000	24.6			
								60	-56.53	50,500	24.8			
E-15	6-29	1425	3.63	2.71	0.92	NSW		20	-16.37	52,000	24.8	0.0	✓	
								40	-36.37	52,000	24.6			
								60	-56.37	53,500	24.5			
E-16	6-29	1435	4.83	3.83	1.00	NSW		20	-15.17	49,500	25.5	0.0	✓	
								40	-35.17	55,000	25.5			
								60	-55.17	55,500	25.4			
E-17	6-29	1445	2.31	1.32	0.99	NSW		20	-17.69	51,000	25.2	0.0	✓	
								40	-37.69	54,500	25.3			
								60	-57.69	54,500	25.1			
E-18	6-30	1025	3.23	2.48	0.75	NSW		20	-16.77	48,500	25.3	0.0	✓	
								40	-36.77	51,500	25.4			
								60	-56.77	52,500	25.3			

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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		CONDUCTIVITY (MICROMHOS PER CM)	TEMP. °C	RESIDUAL CHLORINE PPM		WATER SAMPLE
								DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)					
E-19	6-30	13:00	3.61	1-93	1-68	1-80	1-51	20	-16.39	51,500	24.8	0.0	✓	
								40	-36.39	50,500	25.0			
								60	-56.39	51,000	25.2			
E-20	6-30	13:10	4.04	2-45	1-59	2-28		20	-15.96	36,000	24.5	0.0	✓	
								40	-35.96	47,800	24.5			
								60	-55.96	50,500	24.5			
E-21	6-30	10:35	3.24	2-19	1-05	Nsu		20	-16.76	43,000	24.7	0.0	✓	
								40	-36.76	51,000	25.0			
								60	-56.76	52,500	24.8			
E-22	6-30	10:45	2.41	1-53	0-88	1-53	0-88	20	-17.59	54,000	25.1	0.0	✓	
								40	-37.59	55,500	25.0			
								60	-57.59	55,000	25.0			
E-23	6-30	10:55	4.29	3-70	0-59	3-70	0-57	20	-15.71	53,000	25.3	0.0	✓	
								40	-35.71	55,500	25.4			
								60	-55.71	55,500	25.2			



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