

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

B19915

TO:
Mr. Donald Elliott

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

DATE OF DOCUMENT
7/14/77

DATE RECEIVED
7/18/77

LETTER ORIGINAL COPY
 NOTORIZED UNCLASSIFIED

PROP INPUT FORM

NUMBER OF COPIES RECEIVED
1 signed

DESCRIPTION

DO NOT REMOVE

ACKNOWLEDGED

PLANT NAME:
Turkey Point Units 3 & 4
RJL 7/18/77

(1-P)

ENCLOSURE

Consists of the Groundwater Monitoring Data Report No. 61 for the July 1977 monitoring period for the E-series wells...with attached supplement to the April 1977 transmissivity test....

(5-P)

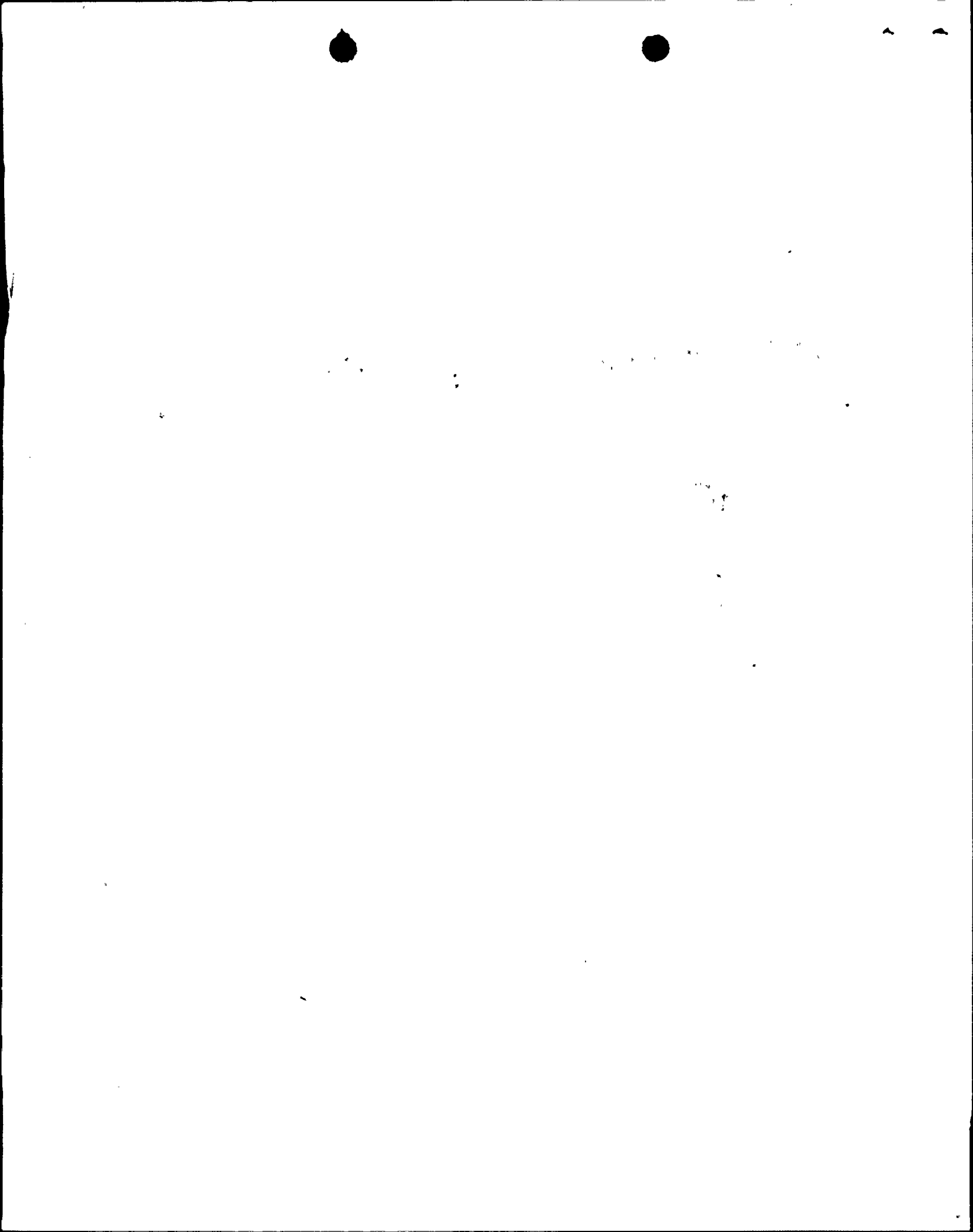
1 CY ENCL. Rec'd

SAFETY		FOR ACTION/INFORMATION		ENVIRONMENTAL	
ASSIGNED AD:		ASSIGNED AD:	V. MOORE (LTR)		
<input checked="" type="checkbox"/> BRANCH CHIEF:	(6) LEAR	BRANCH CHIEF:			
<input checked="" type="checkbox"/> PROJECT MANAGER:	Elliott	PROJECT MANAGER:			
<input checked="" type="checkbox"/> LICENSING ASSISTANT:	PARRISH	LICENSING ASSISTANT:			
			B. HARLESS		

INTERNAL DISTRIBUTION			
<input checked="" type="checkbox"/> REG FILES	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ENVIRON ANALYSIS
<input checked="" type="checkbox"/> T & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
<input checked="" type="checkbox"/> OELD		LAINAS	CRUTCHFIELD
GOSSICK & STAFF	ENGINEERING	IPPOLITO	
HANAUER	KNIGHT	F. ROSA	ENVIRO TECH.
MTPG	BOSNAK		ERNST
CASE	STHWELL	OPERATING REACTORS	BALLARD
ROYD	PAWLICKI	<input checked="" type="checkbox"/> STELLO	YOUNGBLOOD
		<input checked="" type="checkbox"/> EISENHUT	
PROJECT MANAGEMENT	REACTOR SAFETY	<input checked="" type="checkbox"/> SHAO	
SKOVHOLT	ROSS	<input checked="" type="checkbox"/> BAER	SITE TECH.
P. COLLINS	NOVAK	<input checked="" type="checkbox"/> BUTLER	GAMMILL (2)
HOUSTON	ROSZTOCZY	<input checked="" type="checkbox"/> GRIMES	
MELTZ	CHECK		SITE ANALYSIS
HELTEMES			VOLLMER
SK	AT&I		BUNCH
	SALTZMAN		<input checked="" type="checkbox"/> J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION		CONTROL NUMBER	
<input checked="" type="checkbox"/> LDR: M. Ami, FLA			
<input checked="" type="checkbox"/> TIC	<input checked="" type="checkbox"/> NSIC		
NAT LAB			
REG IV (J. HANCHETT)			
<input checked="" type="checkbox"/> 16 CYS ACRS SENT CATEGORY B			

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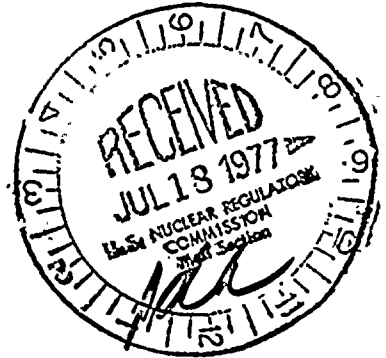




July 14, 1977

Regulatory

FILE 67



Mr. Donald Elliot
Operating Reactors
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Elliot:

Re: Groundwater Monitoring Program, Turkey Point
Docket No. 50-250/251, Control No. 8728

Enclosed please find the Groundwater Monitoring Data Report No. 61 for the July 1977 monitoring period for the E-series wells. Also enclosed is a supplement to the April 1977 transmissivity test.

Sincerely,

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

Enc.

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

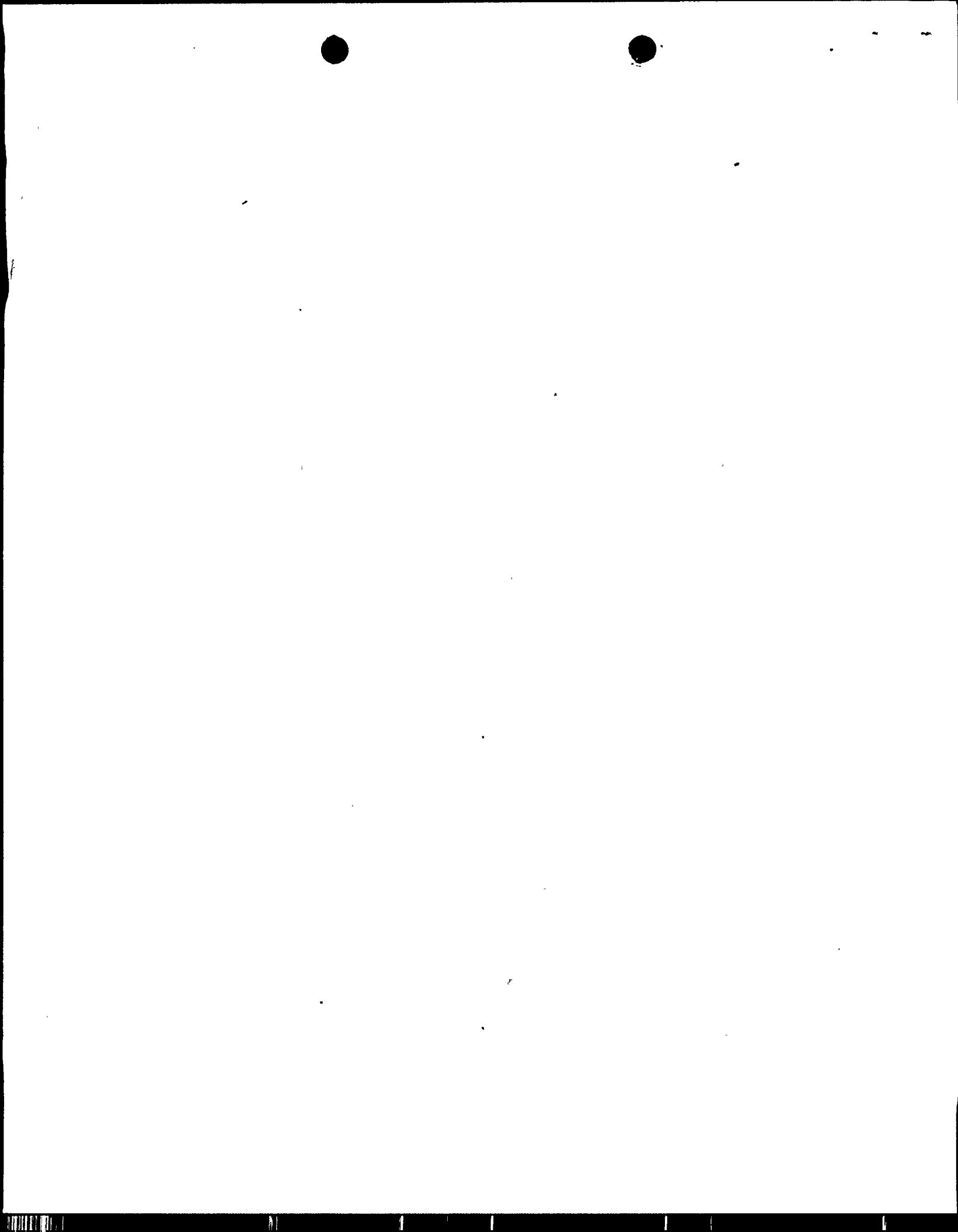
WELL NO.	DATE	TIME	SURFACE REFERENCE ELEVATION (FT.,MSL)	WATER LEVEL		SURFACE WATER		FIELD MEASUREMENT					NOTES	
				DEPTH BELOW REF.,(FT.)	ELEV. (FT.,MSL)	DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)	MEASURED AT		CONDUCTIVITY (MICROHMS PER CM)	TEMP. °C	RESIDUAL CHLORINE PPM		WATER SAMPLE
								DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)					
E-1	4/27	1510	3.44	4.52	2.08	NSW		20	-16.56	49000	25.3	0.0	✓	
								40	-36.56	51000	24.7			
								60	-56.56	51000	24.7			
E-2	4/27	1520	2.33	2.27	0.06	NSW		20	-17.67	50000	24.9	0.0	✓	
								40	-37.67	51000	24.6			
								60	-57.67	51000	24.6			
E-3	4/27	1530	4.89	5.21	0.32	NSW		20	-15.11	25500	27.1	0.0	✓	
								40	-35.11	53500	28.1			
								60	-55.11	53500	28.3			
E-4	4/27	1540	2.41	3.36	0.95	NSW		20	-17.59	37000	25.5	0.0	✓	
								40	-37.59	51500	25.0			
								60	-57.59	54000	25.0			
E-5	4/28	1340	7.37	6.85	0.52	NSW		20	-12.63	57000	37.2	0.0	✓	
								40	-32.63	58500	38.4			
								60	-52.63	59000	32.9			
E-6	4/28	1350	6.52	6.05	0.47	NSW		20	-13.48	57000	30.3	0.0	✓	
								40	-33.48					BLOCKED
								60	-53.48					

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		CONDUCTIVITY (MICROMHOS PER CM)	TEMP. °C	RESIDUAL CHLORINE		WATER SAMPLE	
								DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)						
E-7	6/28	0905	2.04	1.61	0.43	1.04	1.00	20	-17.96	55500	23.5	0.0	✓		
								40	-37.96						BLOCKED
								60	-57.96						
E-8	6/28	0915	4.23	3.69	0.54	NSW		20	-15.77	52000	24.3	0.0	✓		
								40	-35.77	56000	25.0				
								60	-55.77	56500	25.2				
E-9	6/28	0920	4.20	3.43	0.77	3.31	0.89	20	-15.80	53000	25.6	0.0	✓		
								40	-35.80	53500	24.8				
								60	-55.80	57000	24.5				
E-10	6/28	0930	4.19	3.45	0.74	2.83	1.36	20	-15.81	53500	24.5	0.0	✓		
								40	-35.81	55000	25.0				
								60	-55.81	55000	25.1				
E-11	6/28	0940	4.23	3.45	0.78	NSW		20	-15.77	54000	25.2	0.0	✓		
								40	-35.77	54500	25.0				
								60	-55.77	54500	25.0				
E-12	6/28	0945	3.56	2.99	0.57	2.56	1.00	20	-16.44	53500	24.7	0.0	✓		
								40	-36.44	55500	25.0				
								60	-56.44	55500	25.2				

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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	6/28	0945	3.96	3.22	0.74	2.92	0.30	20	-16.04	52500	25.4	0.0	✓	
								40	-36.04	54500	25.0			
								60	-56.04	55000	25.2			
E-14	6/28	0955	3.47	3.10	0.37	NSW		20	-16.53	53500	25.4	0.0	✓	
								40	-36.53	54000	25.3			
								60	-56.53	54000	25.3			
E-15	6/28	1005	3.63	3.25	0.38	NSW		20	-16.37	53000	25.0	0.0	✓	
								40	-36.37	53500	25.2			
								60	-56.37	54000	25.3			
E-16	6/28	1015	4.83	4.29	0.54	NSW		20	-15.17	51000	25.3	0.0	✓	
								40	-35.17	54000	25.5			
								60	-55.17	54000	25.5			
E-17	6/28	1025	2.31	1.70	0.61	NSW		20	-17.69	53500	25.3	0.0	✓	
								40	-37.69	54000	25.4			
								60	-57.69	55000	25.4			
E-18	6/28	1035	3.23	2.65	0.58	NSW		20	-16.77	52000	25.0	0.0	✓	
								40	-36.77	55000	25.5			
								60	-56.77	56000	25.5			



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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 (MICROSIOS PER CM)	TEMP. °C	RESIDUAL CHLORINE PPM		WATER SAMPLE
								DEPTH BELOW REF.(FT.)	ELEV. (FT.,MSL)					
E-19	6/28	1120	3.61	2:76		NSW		20	-16.39	48000	24.7	0.0	✓	
								40	-36.39	58000	25.0			
								60	-56.39	58000	25.2			
E-20	6/28	1115	4.04	3:28		NSW		20	-15.96	47000	24.1	0.0	✓	
								40	-35.96	52500	24.4			
								60	-55.96	58000	24.6			
E-21	6/28	1045	3.24	2:52		NSW		20	-16.76	49500	24.6	0.0	✓	
								40	-36.76	55500	24.9			
								60	-56.76	57000	24.9			
E-22	6/28	1055	2.41	1:70		NSW		20	-17.59	58500	25.3	0.0	✓	
								40	-37.59	59000	24.9			
								60	-57.59	59000	24.9			
E-23	4/28	1105	4.29	3:92		3:86		20	-15.71	56000	25.0	0.0	✓	
								40	-35.71	58500	25.3			
								60	-55.71	59000	25.3			

SUPPLEMENT TO THE APRIL 1977
TRANSMISSIVITY TEST

Well # ----- E9
Date ----- 5/25/77
PSI ----- 11
Draw Down----- 1.52
GPM ----- 180

NOTE: The well was blocked during
the date for April testing.

