

CATEGORY 1

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ACCESSION NBR: 9609300291 DOC. DATE: 96/09/24 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 AUTHOR AFFILIATION
 BOHLKE, W.H. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Forwards response to request for addl info re NRC Bulletin 96-001, "Control Rod Insertion Problems."

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 TITLE: NRC Bulletin 96-01 - Control Rod Insertion Problems

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SEP 24 1996

L-96-231
10 CFR §50.54(f)

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
NRC Bulletin 96-01
CONTROL ROD INSERTION PROBLEMS
Request for Additional Information (TAC NOS. M95012 AND M95013)

NRC Bulletin 96-01, "CONTROL ROD INSERTION PROBLEMS", issued March 8, 1996, requested licensees take specific actions and provide information to the NRC. In accordance with the bulletin, Florida Power and Light Company provided responses L-96-082 dated April 05, 1996, and L-96-107 dated May 01, 1996. In a letter to T. F. Plunkett from R. P. Croteau dated August 22, 1996, the staff requested additional information to support the review of NRC Bulletin 96-01 responses.

Attached is the requested information.

Should there be any questions, please contact us.

Very truly yours,

W. H. Bohlke
Vice President Nuclear Engineering and Licensing
Turkey Point Plant

JAH

Attachment

cc: S. D. Ebnetter, Regional Administrator, Region II, USNRC
T. P. Johnson, Senior Resident Inspector, USNRC,
Turkey Point Plant

300080

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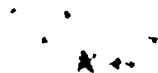


Figure 6

Figure 7

8 2

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1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer.

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STATE OF FLORIDA)
) ss.
COUNTY OF DADE)

W. H. Bohlke being first duly sworn, deposes and says:

That he is Vice President, Nuclear Engineering and Licensing, of Florida Power and 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.

W H Bohlke

W. H. Bohlke

Subscribed and sworn to before me this

24 day of September, 1996.

Olga Hanek

Olga Hanek

Name of Notary Public (Type or Print)

NOTARY PUBLIC, in and for the County of Dade, State of Florida

My Commission expires JUNE 18, 2000
Commission No. CC 562742

W. H. Bohlke is personally known to me.





Fuel Assembly	Core Location	Assembly Burnup MWD/MTU	RCCA	RCCA DRAG CRITERIA											
				DASHPOT (100 lbs.)						GUIDE THIMBLE (40 lbs.)					
				INSERTION			WITHDRAWAL			INSERTION			WITHDRAWAL		
				PASS	FAIL	COMMENT	PASS	FAIL	COMMENT	PASS	FAIL	COMMENT	PASS	FAIL	COMMENT
SS09	M-10	47,900	R59	X		<50 lbs.	X		52 lbs.	X		<20 lbs.	X		<20 lbs.
TT37	B-10	26,000	R63	X		<50	X		<50	X		<20	X		<20
TT50	G-13	31,600	R109	X		<50	X		<50	X		<20	X		<20
TT45	J-13	31,600	R52	X		<50	X		<50	X		<20	X		<20
SS45	L-11	43,800	R58	X		<50	X		<50	X		<20	X		<20
TT42	P-10	26,000	R61	X		<50	X		<50	X		<20	X		<20
TT38	F-14	26,000	R53	X		<50	X		<50	X		<20	X		<20
SS08	K-12	47,900	R55	X		<50	X		<50	X		<20	X		<20
TT39	K-02	26,000	R91	X		<50	X		<50	X		<20	X		<20
SS46	L-05	43,800	R81	X		<50	X		<50	X		<20	X		<20
TT41	P-6	26,000	R76	X		<50	X		<50	X		<20	X		<20
TT43	B-6	26,000	R80	X		<50	X		<50	X		<20	X		<20
SS33	L-7	42,000	R75	X		<50	X		<50	X		<20	X		<20
TT51	J-3	31,600	R89	X		<50	X		<50	X		23	X		<20
SS48	E-5	43,800	R85	X		<50	X		<50	X		22	X		<20
SS07	F-4	47,900	R88	X		69	X		69		X	62		X	62
SS15	D-10	47,900	R62	X		75	X		75		X	62		X	62
SS42	E-9	42,000	R101	X		54	X		56		X	49		X	49
SS01	F-12	47,900	R56	X		59	X		59		X	50		X	48
SS02	D-6	47,900	R79	X		52	X		50		X	46		X	46
TT49	G-3	31,600	R90	X		58	X		52		X	41		X	43
SS35	L-9	42,000	R65	X		<50	X		<50	X		<20		X	42
TT24	F-8	34,300	R71	X		<50	X		<50		X	42		X	42
TT31	H-6	34,300	R78	X		<50	X		<50	X		28		X	42
SS10	M-6	47,900	R77	X		70	X		70		X	46	X		40
TT27	D-8	34,000	R72	X		55	X		52	X		40	X		40
TT23	K-8	34,300	R69	X		<50	X		<50	X		36	X		40
TT46	C-7	31,600	R74	X		<50	X		<50	X		31	X		40
TT48	C-9	31,600	R67	X		52	X		52	X		40	X		39
SS06	K-4	47,900	R86	X		<50	X		<50	X		34	X		32
SS36	E-7	42,000	R93	X		<50	X		<50	X		30	X		31
SS30	G-11	42,000	R84	X		<50	X		<50	X		24	X		31
TT30	H-4	34,000	R87	X		<50	X		<50	X		25	X		30

Fuel Assembly	Core Location	Assembly Burnup MWD/MTU	RCCA	RCCA DRAG CRITERIA											
				DASHPOT (100 lbs.)						GUIDE THIMBLE (40 lbs.)					
				INSERTION			WITHDRAWAL			INSERTION			WITHDRAWAL		
				PASS	FAIL	COMMENT	PASS	FAIL	COMMENT	PASS	FAIL	COMMENT	PASS	FAIL	COMMENT
TT40	F-2	26,000	R92	X		<50 lbs.	X		<50 lbs.	X		<20 lbs.	X		29 lbs.
SS43	G-5	42,000	R83	X		<50	X		<50	X		28	X		28
TT21	H-12	34,000	R54	X		<50	X		<50	X		29	X		27
SS38	J-11	42,000	R66	X		<50	X		<50	X		27	X		27
SS47	E-11	43,800	R57	X		<50	X		<50	X		<20	X		23
SS37	J-5	42,000	R82	X		<50	X		<50	X		28	X		23
TT20	M-8	34,000	R68	X		<50	X		<50	X		21	X		23
TT47	N-9	31,600	R64	X		<50	X		<50	X		<20	X		22
TT44	K-14	26,000	R51	X		<50	X		<50	X		<20	X		22
TT52	N-7	31,600	R73	X		<50	X		<50	X		22	X		22
TT26	H-10	34,300	R60	X		<50	X		<50	X		26	X		20
RR05	H-8	50,800	R70	X		<50	X		<50	X		20	X		20

