CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9612100192 DOC.DATE: 96/12/03 NOTARIZED: NO DOCKET #
FACIL:50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
AUTH.NAME AUTHOR AFFILIATION
HOVEY,R.J. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Responds to RAI re NRC Bulletin 96-001, "Control Rod Insertion Problems." Hot rod drop test results,encl.

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

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L-96-311
10 CFR §50.54(f)

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

Re: Turkey Point Unit 3
Docket No. 50-250
NRC Bulletin 96-01
CONTROL ROD INSERTION PROBLEMS (TAC NO. M95012)
Request for additional information

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 NRC Bulletin 96-01, Florida Power and Light Company provided L-96-268 dated October 23, 1996. L-96-268 documented acceptable control rod drop time testing and rod recoil assessments performed during the Turkey Point Plant Unit 3 Cycle 15 Mid-Cycle Outage. The NRC subsequently requested the information be presented in tabular format to include a comparison of individual rod drop times from the Beginning of Cycle surveillance, core location, fuel assembly identification, burnup at the time of the test and a quantification of observed rod recoil. In accordance with this request, the attached response is provided for the Turkey Point Plant Unit 3 Cycle 15 Mid-Cycle Outage.

Should there be any questions, please contact us.

Very truly yours,

R. J. Hovey
Vice President
Turkey Point Plant

JAH

Attachment

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

1/1

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L-96-311

STATE OF FLORIDA)
) ss.
COUNTY OF DADE)

R. J. Hovey being first duly sworn, deposes and says:

That he is Vice President, Turkey Point Plant, 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.

R. J. Hovey

Subscribed and sworn to before me this 3rd day of December, 1996.

Cheryl A. Stevenson

Name of Notary Public (Type or Print)

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

CHERYL A. STEVENSON
MY COMMISSION # CC 564017
EXPIRES: June 19, 2000
Bonded Thru Notary Public Underwriters

My Commission expires_____
Commission No. _____

R. J. Hovey is personally known to me.

Point Beach Unit 3 Cycle 15 Hot Rod Drop Test

					Beginning of Cycle 15		Middle of Cycle 15		
Control Rod Bank	Core Location	Fuel Assembly	RCCA Number	FA Burnup (MWD/MTU) (a)	Dashpot Entry Time (sec.) (b)	Total Rod Drop Time (sec.)	Dashpot Entry Time (sec.) (b)	Total Rod Drop Time (sec.)	No. of Recoil Bounces Observed
CBA	G5	FF40	R-26	30819	1.35	1.89	1.37	1.87	2
CBA	E9	FF38	R-23	30819	1.35	1.89	1.35	1.88	3
CBA	J11	FF37	R-42	30819	1.33	1.91	1.36	1.93	2
CBA	L7	FF39	R-11	30819	1.34	1.90	1.38	1.91	2
CBA	J5	FF25	R-17	30943	1.36	1.89	1.36	1.89	2
CBA	E7	FF29	R-45	30943	1.35	1.87	1.36	1.86	2
CBA	G11	FF36	R-33	30943	1.35	1.86	1.36	1.85	2
CBA	L9	FF33	R-18	30943	1.34	1.93	1.40	1.93	2
CBB	F2	FF34	R-29	22697	1.35	1.92	1.33	1.88	2
CBB	B10	FF28	R-38	22697	1.36	1.95	1.34	1.93	2
CBB	K14	FF32	R-37	22697	1.40	1.97	1.40	1.95	2
CBB	P6	FF30	R-05	22697	1.32	1.87	1.31	1.83	2
CBB	K2	FF27	R-39	22687	1.33	1.87	1.34	1.89	2
CBB	B6	FF26	R-01	22687	1.41	2.01	1.40	2.00	2
CBB	F14	FF35	R-100	22687	1.35	1.88	1.32	1.84	3
CBB	P10	FF31	R-04	22687	1.39	1.93	1.34	1.87	3
CBC	F4	EE46	R-10A	37201	1.33	1.90	1.33	1.87	2
CBC	D10	EE50	R-19	37201	1.36	1.90	1.36	1.89	2
CBC	K12	EE47	R-40	37201	1.31	1.87	1.33	1.84	2
CBC	M6	EE51	R-27	37201	1.34	1.89	1.35	1.92	2
CBC	K4	EE52	R-35	37111	1.36	1.94	1.36	1.92	2
CBC	D6	EE49	R-21	37111	1.35	1.93	1.35	1.93	2
CBC	F12	EE48	R-96	37111	1.36	1.94	1.35	1.90	2
CBC	M10	EE45	R-02	37111	1.34	1.89	1.36	1.90	2
CBD	D8	FF12	R-44	30118	1.35	1.90	1.34	1.90	2
CBD	M8	FF16	R-03	30118	1.34	1.91	1.35	1.91	2
CBD	H4	FF15	R-22	30118	1.36	1.86	1.35	1.90	2
CBD	H8	EE03	R-41	43841	1.36	1.90	1.35	1.89	2
CBD	H12	FF10	R-16	30118	1.35	1.90	1.31	1.85	2
SBA	G3	FF46	R-24	27731	1.33	1.98	1.34	1.94	3
SBA	C9	FF51	R-32	27731	1.33	1.92	1.37	1.89	2
SBA	J13	FF44	R-10	27731	1.33	1.92	1.35	1.90	3
SBA	N7	FF43	R-06	27731	1.31	1.87	1.33	1.85	2
SBA	J3	FF42	R-07	27718	1.36	1.88	1.35	1.86	2
SBA	C7	FF41	R-43	27718	1.33	1.87	1.34	1.82	2
SBA	G13	FF47	R-08	27718	1.35	1.87	1.36	1.84	2
SBA	N9	FF52	R-15	27718	1.38	1.88	1.40	1.86	3
SBB	E5	FF19	R-97	30608	1.35	1.87	1.31	1.83	2
SBB	L11	FF18	R-09	30608	1.35	1.87	1.32	1.83	2
SBB	L5	FF22	R-12	30608	1.31	1.83	1.32	1.83	2
SBB	E11	FF23	R-28	30608	1.34	1.91	1.34	1.88	2
SBB	H6	EE35	R-36	41255	1.38	1.92	1.36	1.93	2
SBB	H10	EE43	R-46	41255	1.35	1.91	1.33	1.87	2
SBB	F8	EE44	R-20	41255	1.36	1.92	1.33	1.92	2
SBB	K8	EE33	R-14	41255	1.39	1.97	1.37	1.92	2

(a) Fuel Assembly burnup corresponding to the time of the Middle-of-Cycle 15 Hot Rod Drop Time Test.
(b) TS 3.1.3.4 requires that the individual full length (shutdown and control) rod drop time from the fully withdrawn positions shall be less than or equal to 2.4 seconds from the beginning of decay of stationary gripper coil voltage to dashpot entry.