

CATEGORY 1

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 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
 REYES,L.A. Region 2 (Post 820201)

SUBJECT: Forwards summary of results of SG tube inservice insp,per
 TS 4.4.5.5.b & 6.9.2.Insp occurred during end-of-cycle 15 on
 970313-19.

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FPL

MAR 05 1998

L-98-011
10 CFR 50.36

Luis A. Reyes
Regional Administrator
U. S. Nuclear Regulatory Commission
Atlanta Federal Center
61 Forsyth Street, S. W., Suite 23T85
Atlanta, GA 30303

Dear Mr. Reyes:

Re: Turkey Point Unit 3
Docket No. 50-250
Steam Generator Tube Plugging
Inservice Inspection - 12 Month Special Report

In accordance with Turkey Point Technical Specification 4.4.5.5.b, the subject Special Report is submitted pursuant to Specification 6.9.2 as a result of the Turkey Point Unit 3 End-of-Cycle 15 inservice inspection of steam generator tubes.

The Turkey Point Unit 3 steam generators were inspected from March 13, 1997 through March 19, 1997. There were 3 steam generator tubes plugged in steam generator 3A as a result of the inspection bringing the total tubes plugged in steam generator 3A to 20. There were 9 steam generator tubes plugged in steam generator 3B bringing the total tubes plugged in steam generator 3B to 27. There were 2 steam generator tubes plugged in steam generator 3C bringing the total tubes plugged in steam generator 3C to 35. The attached report summarizes the results of the steam generator tube inservice inspection.

By letter L-97-084, dated March 27, 1997, FPL submitted the Turkey Point Unit 3 steam generator tube plugging - 15 day special report summarizing the End-of-Cycle 15 tube plugging results. In the attachment to L-97-084, the three steam generator A tubes plugged specified the reason for plugging as defective per TS 4.4.5.4.a. The steam generator tube in location row 13, column 5, was preventively plugged as reflected in the attached report. The change in classification for the steam generator tube does not affect the C-2 category classification, as defined in TS 4.4.5.2, for steam generator A.

Should there be any questions, please contact us.

Very truly yours,

R. J. Hovey
Vice President
Turkey Point Plant.

Attachment

OIH

cc: USNRC, Document Control Desk, Washington, D.C.
Senior Resident Inspector, USNRC, Turkey Point Plant

9803170401 980305
PDR ADOCK 05000250
Q PDR



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ATTACHMENT TO

L-98-011

TURKEY POINT UNIT 3 STEAM GENERATOR INSPECTION REPORT



FORM NIS-BB OWNERS' DATA REPORT FOR EDDY CURRENT EXAMINATION RESULTS

As required by the provisions of the ASME CODE RULES

EDDY CURRENT EXAMINATION RESULTS

PLANT : Turkey Point Unit 3

EXAMINATION DATE: MARCH 13, 1997 thru MARCH 19, 1997

STEAM GENERATOR	TOTAL TUBES INSPECTED	TOTAL TUBES		TUBES PLUGGED AS PREVENTIVE MAINTENANCE	TUBES PLUGGED THIS OUTAGE	TOTAL PLUGGED TUBES IN S/G
		20% - 39%	> 40% & VOL			
3E210A	3197	5 _{...}	2	1	3	20
3E210B	3196	4 _{...}	7	2	9	27
3E210C	3181	13 _{...}	1	1	2	35

LOCATION OF INDICATIONS

(20% - 100% & VOL)

STEAM GENERATOR	AVB BARS	SUPPORT LOCATIONS 1 THROUGH 6		FREESPAN 6H thru 6C	TOP OF TUBE SHEET TO #1 SUPPORT		TOTAL INDICATIONS	
		COLD LEG	HOT LEG	USEND	C/L	H/L	20% - 39%	≥ 40% & VOL
3E210A	6 _{...}	0	0	1	0	1	6 _{...}	2
3E210B	7 _{...}	1	1	0	0	6 _{...}	7 _{...}	10 _{...}
3E210C	20 _{...}	0	0	0	0	1	20 _{...}	1

Remarks:

- (1) Mechanical wear damage at Anti-vibration Bars (AVB) was depth sized using qualified Bobbin Coil Sizing Technique.
- (2) Four tubes plugged due to Loose Part Damage.

DATE 5/13/97 PREPARED BY P. Montalvo
SIG EDDY CURRENT COORDINATOR

DATE: 5/13/97 REVIEWED BY: [Signature]
INSPECTIONS SUPERVISOR

DATE: 5/13/97 REVIEWED BY: P. Montalvo
SIG TECHNICAL SPECIALIST for H.I.S.



CUMULATIVE DISTRIBUTION SUMMARY
 TURKEY POINT UNIT # 3
 03/97

COMPONENT : S/G A

Page : 1
 Date : 05/12/97

Examination Dates : 03/13/97 thru 03/19/97

Total Number of Tubes Inspected: .3197

Total Indications	
Between 20% and 39%	6 (1)
Greater than or equal to 40% ...:	0
Total Corrosion type Indications "VOL"	2
Total Tubes Plugged as Preventive Maint :	1
Total Tubes Plugged	3

Location Of Indications 20% to 100% & "VOL"

Hot Leg	Cold Leg
TSH -.5 to 01H -2.1 : 1	TSC -.5 to 01C -2.1 : 0
01H -2.0 to 06H +2.0 : 1	01C -2.0 to 06C +2.0 : 0
06H +2.1 to AV1 -3.1 : 0	06C +2.1 to AV4 -3.1 : 0
AV1 -3.0 to AV4 -3.0 : 6 (1)	

INDICATIONS/TRENDING REPORT

PTN-3

OUTAGE : 03/97

COMPONENT : S/G A

DESCRIPTION : ALL 20% TO 39% INDICATIONS

Page : 1

Date : 5/12/97

Time : 10:00:00

Row	Col	Leg	***	Extent Tst/Note	Reel	Probe	Location	03/97				Diff	N/A					
								Volts	Deg	Ch	%		Location	Volts	Deg	Ch	%	
33	41	C		TEH PS	AC006	A-720-M/ULC	AV1	.0	.9	P 2	24							
		C		TEH PS	AC006	A-720-M/ULC	AV3	.0	.9	P 2	25							
38	45	C		TEH PS	AC007	A-720-M/ULC	AV2	.0	1.5	P 2	30							
37	47	C		TEH PS	AC012	A-720-M/ULC	AV3	.0	.8	P 2	22							
30	52	H		TEC PC	AHQ34	A-720-M/ULC	AV3	.0	.4	P 2	20							
28	59	H		TEC PS	AHQ21	A-720-M/ULC	AV2	.0	.6	P 2	26							

Number of RECORDS Selected from Current Outage : 6

Number of TUBES Selected from Current Outage : 5

INDICATIONS/TRENDING REPORT

PTN-3

OUTAGE : 03/97

COMPONENT : S/G A

DESCRIPTION : ALL 40% to 100%, VOL & PTP INDICATIONS

Page : 1

Date : 5/12/97

Time : 10:00:00

		Extent					03/97					N/A					
Row	Col	Leg	***	Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	Z	Diff	Location	Volts	Deg	Ch	Z

13	5	H	CHR	BAHTSHPL	AH002	MRPC680-3C	TSH 3.8	1.4	119	1	PTP						
31	18	H		06H SC	AH039	MRPC720-3C	06H 1.1	1.0	64	1	VOL						
44	36	C			AH037	MRPC720-3C					PTP						
		C	CHR	TSH GY	AH037	MRPC720-3C	TSH .7	1.2	14	1	VOL						

Number of RECORDS Selected from Current Outage : 4

Number of TUBES Selected from Current Outage : 3

CUMULATIVE DISTRIBUTION SUMMARY
 TURKEY POINT UNIT # 3
 03/97

COMPONENT : S/G B

Page : 1
 Date : 05/12/97

Examination Dates : 03/13/97 thru 03/19/97

Total Number of Tubes Inspected: -3196

Total Indications

Between 20% and 39%	7 (1)
Greater than or equal to 40% ...:	1
Total Corrosion type Indications "VOL"	9 (2)
 Total Tubes Plugged as Preventive Maint :	 2
Total Tubes Plugged	9 (2)

Location Of Indications 20% to 100% & "VOL"

Hot Leg		Cold Leg	
TSH -.5 to 01H -2.1 :	8	TSC -.5 to 01C -2.1 :	0
01H -2.0 to 06H +2.0 :	1	01C -2.0 to 06C +2.0 :	1
06H +2.1 to AV1 -3.1 :	0	06C +2.1 to AV4 -3.1 :	0
AV1 -3.0 to AV4 -3.0 :	7 (1)		



INDICATIONS/TRENDING REPORT

PTN-3

OUTAGE : 03/97

COMPONENT : S/G B

DESCRIPTION ; ALL 20% TO 39% INDICATIONS

Page : 1

Date : 5/12/97

Time : 10:00:00

		Extent				03/97					H/A						
Row	Col	Leg	***	Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	%	Diff	Location	Volts	Deg	Ch	%
32	34	C		TEH PS	BC019	A-720-M/ULC	AV1 .0	.7		P 2	23						
		C		TEH PS	BC019	A-720-M/ULC	AV3 -.1	1.3		P 2	31						
		C		TEH PS	BC019	A-720-M/ULC	AV4 -.2	.7		P 2	22						
34	46	C		TEH PC	BC009	A-720-M/ULC	AV2 .0	1.0		P 2	28						
		C		TEH PC	BC009	A-720-M/ULC	AV3 .0	1.5		P 2	35						
34	51	C		TEH PS	BC011	A-720-M/ULC	AV2 .0	1.2		P 2	29						
42	55	C		TEH PC	BC012	A-720-M/ULC	AV3 -.3	1.7		P 2	31						

Number of RECORDS Selected from Current Outage : 7

Number of TUBES Selected from Current Outage : 4

INDICATIONS/TRENDING REPORT

PTN-3

OUTAGE : 03/97

COMPONENT : S/G B

DESCRIPTION : ALL 40% to 100%, VOL & PTP INDICATIONS

Page : 1

Date : 5/12/97

Time : 10:00:00

										03/97				N/A				
Row	Col	Leg	***	Extent	Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	%	Diff	Location	Volts	Deg	Ch	%
37	20	H	CHR	TSH	PL	BH002	MRPC680-3C	TSH .4	1.0	102	1	VOL						
42	38	H	CHR	01HTSHPL		BH004	MRPC680-3C	TSH 1.5	1.2	87	1	VOL						
39	39	C	CHR	OSH	PL	BH043	MRPC680-3C	OSH .8	2.3	125	1	VOL						
44	40	C	CHR	TSH	PL	BH043	MRPC680-3C	TSH .3	1.3	46	1	VOL						
			C	PIT	TSH	PL	BH043	MRPC680-3C	TSH 1.8	.4	60	P1	82					
23	41	C	CHR	03C	PC	BC031	MRPC680-3C	03C .5	.4	93	1	VOL						
44	41	C	CHR	TSH	PL	BH043	MRPC680-3C	TSH .2	1.5	122	1	VOL						
			C	CHR	TSH	PL	BH043	MRPC680-3C	TSH .4	1.1	90	1	VOL					
			C	CHR	TSH	PL	BH043	MRPC680-3C	TSH .5	.9	83	1	VOL					
45	41	C	LPH	TEH	PL	BC009	A-720-M/ULC	TSH .6				PTP						
45	42	C	LPH	TEH	PL	BC009	A-720-M/ULC	TSH 1.3				PTP						
41	44	C	CHR	TEH	GY	BH043	MRPC680-3C	TSH .6	.3	52	1	VOL						

Number of RECORDS Selected from Current Outage : 12

Number of TUBES Selected from Current Outage : 9

CUMULATIVE DISTRIBUTION SUMMARY
 TURKEY POINT UNIT # 3
 03/97

COMPONENT : S/G C

Page : 1
 Date : 05/12/97

Examination Dates : 03/13/97 thru 03/19/97

Total Number of Tubes Inspected: -3181

Total Indications	
Between 20% and 39%	20 (1)
Greater than or equal to 40%	1
Total Corrosion type Indications "VOL"	0
Total Tubes Plugged as Preventive Maint :	1
Total Tubes Plugged	2

Location Of Indications 20% to 100% & "VOL"

Hot Leg	Cold Leg
TSH -.5 to 01H -2.1 : 1	TSC -.5 to 01C -2.1 : 0
01H -2.0 to 06H +2.0 : 0	01C -2.0 to 06C +2.0 : 0
06H +2.1 to AV1 -3.1 : 0	06C +2.1 to AV4 -3.1 : 0
AV1 -3.0 to AV4 -3.0 : 20 (1)	



INDICATIONS/TRENDING REPORT

PTN-3

OUTAGE : 03/97

COMPONENT : S/G C

DESCRIPTION : ALL 20% TO 39% INDICATIONS

Page : 1

Date : 5/12/97

Time : 10:00:00

Row	Col	Leg	***	Extent		Reel	Probe	Location	03/97				Diff	N/A					
				Tst/Note					Volts	Deg	Ch	%		Location	Volts	Deg	Ch	%	
30	17	H		TEC	PS	CH006	A-720-M/ULC	AV1	.0	.5	P 2	20							
34	31	H		TEC	PS	CH027	A-720-M/ULC	AV2	.0	.5	P 2	21							
		H		TEC	PS	CH027	A-720-M/ULC	AV3	.0	.5	P 2	20							
43	33	H		TEC	PS	CH026	A-720-M/ULC	AV3	.0	.4	P 2	22							
35	36	H		TEC	PS	CH028	A-720-M/ULC	AV2	.0	.5	P 2	23							
34	41	H		TEC	PS	CH029	A-720-M/ULC	AV1	.0	.6	P 2	22							
		H		TEC	PS	CH029	A-720-M/ULC	AV3	.0	.6	P 2	22							
		H		TEC	PS	CH029	A-720-M/ULC	AV4	.0	.7	P 2	24							
33	43	H		TEC	PC	CH030	A-720-M/ULC	AV3	.0	.6	P 2	27							
35	43	H		TEC	PC	CH030	A-720-M/ULC	AV2	.0	.8	P 2	21							
		H		TEC	PC	CH030	A-720-M/ULC	AV3	.0	1.4	P 2	32							
		H		TEC	PC	CH030	A-720-M/ULC	AV4	.0	.9	P 2	23							
35	44	H		TEC	PC	CH030	A-720-M/ULC	AV2	.0	1.5	P 2	34							
		H		TEC	PC	CH030	A-720-M/ULC	AV3	.0	1.6	P 2	35							
30	48	H		TEC		CH009	A-720-M/ULC	AV2	.0	1.1	P 2	32							
		H		TEC	PC	CH009	A-720-M/ULC	AV3	.0	1.5	P 2	37							
35	49	C		TEH	PS	CC009	A-720-M/ULC	AV4	.0	.6	P 2	25							
26	58	H		TEC		CH009	A-720-M/ULC	AV2	.0	.5	P 2	20							
30	61	H		TEC	PS	CH009	A-720-M/ULC	AV2	.0	.5	P 2	20							
38	71	C		TEH	PS	CC011	A-720-M/ULC	AV4	-.2	.6	P 2	23							

Number of RECORDS Selected from Current Outage : 20

Number of TUBES Selected from Current Outage : 13

INDICATIONS/TRENDING REPORT

PTN-3

OUTAGE : 03/97

COMPONENT : S/G C

DESCRIPTION : ALL 40% to 100%, VOL & PTP INDICATIONS

Page : 1

Date : 5/12/97

Time : 10:00:00

Row	Col	Leg	Extent				03/97					N/A						
			Tst/Note	Reel	Probe	Location	Volts	Deg	Ch	X	Diff	Location	Volts	Deg	Ch	X		
30	48	H	TEC	PL	CH009	A-720-M/ULC	AV3	.0				PTP						
33	66	C	PIT	TSH	PL	CH047	MRPC680-3C	TSH	.6	.4	103	P 1	58					

Number of RECORDS Selected from Current Outage : 2

Number of TUBES Selected from Current Outage : 2

