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April 10, 2001

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

Subject: McGuire Nuclear Station  
Docket Nos. 50-369  
Unit 1 Steam Generators  
EOC-14 Refueling Outage

Pursuant to Technical Specification 5.6.8 part a and part b, the following information is submitted:

- 1) The following list summarizes the number of tubes inspected by Bobbin and MRPC this outage.

<u>Steam Generator</u>	<u>Quantity</u>	<u>Inspection Method</u>
A	0	Bobbin
A	0	MRPC
B	6631	Bobbin
B	18	MRPC
C	6628	Bobbin
C	23	MRPC
D	0	Bobbin
D	0	MRPC

- 2) The listed Attachments identify indications of tube imperfections. (The Attachments identify the individual tube, the location of the indication by row and column, and through wall percentage of the indication.)

<u>Steam Generator</u>	<u>Attachment</u>
B	1
C	2

ADD1

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3) There were no tubes removed from service by plugging.



H. B. Barron, Vice President  
McGuire Nuclear Station

cc: Mr. L. A Reyes  
Regional Administrator, Region II  
U. S. Nuclear Regulatory Commission  
61 Forsyth St., SW, Suite 23T85  
Atlanta, Georgia 30323

Mr. F. Rinaldi, Project Manager  
Office of Nuclear Reactor Regulation  
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Washington, D.C. 20555

Mr. Scott Shaeffer  
Senior NRC Resident Inspector  
McGuire Nuclear Station

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bxc: EC05O-ELL  
RGC File  
Randy Klein - MG01MM  
W. L. Cochran  
Master File

Indications of Imperfections

Attachment 1

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL#	SCOPE	COMMENT1	COMMENT2	LEG
1	44	5.44	177	1	DNT		CBH	+5.16	09C	TEH	14	Bobbin Exam		HOT
1	134	0.21	82	6	HNI		03H	+30.45	09C	TEH	4	Bobbin Exam		HOT
1	142	7.44	177	1	DNT		CBH	+2.87	09C	TEH	4	Bobbin Exam	IDOK	HOT
2	25	0.16	73	6	HNI		01H	+4.32	09C	TEH	14	Bobbin Exam		HOT
3	80	0.14	80	6	ADI		02C	+30.54	CBC	TEC	5	Bobbin Exam		COLD
5	22	0.24	82	6	HNI		04C	+18.10	CBC	TEC	11	Bobbin Exam		COLD
5	72	0.45	125	P 1	NQI		07H	+1.33	09C	TEH	12	Bobbin Exam	WAR	HOT
		0.29	0	P 2	TWD	8	07H	+2.50	09C	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.15	0	P 3	TWD	9	07H	+1.45	07H	07H	30	H/L SI	WAR	HOT
8	87	0.12	70	6	ADI		TSC	+2.32	CBC	TEC	1	Bobbin Exam		COLD
17	116	0.31	83	6	HNI		06H	+9.12	TEH	TEC	129	Bobbin Exam		COLD
		0.29	86	6	HNI		03C	+29.76	TEH	TEC	129	Bobbin Exam		COLD
39	102	0.17	80	6	HNI		02H	+4.93	TEH	TEC	139	Bobbin Exam		COLD
		0.23	97	6	HNI		02C	+6.10	TEH	TEC	139	Bobbin Exam		COLD
45	52	0.11	0	P 2	NQI		06H	+0.38	TEH	TEC	81	Bobbin Exam	WAR	CHG
		0.10	0	P 2	TWD	3	06H	+0.36	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.08	0	P 3	TWD	3	06H	+0.45	06H	06H	30	H/L SI	WAR	HOT
46	57	0.29	0	P 2	NQI		FB3	-2.16	TEH	TEC	83	Bobbin Exam	WAR	IDOK
		0.09	0	P 2	TWD	2	FB3	-2.14	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
53	90	0.66	104	6	HNI		02C	+28.85	TEH	TEC	143	Bobbin Exam		COLD
56	11	0.53	58	6	HNI		08H	+16.54	TEH	TEC	47	Bobbin Exam		COLD
58	91	0.55	89	6	HNI		02H	+11.54	TEH	TEC	147	Bobbin Exam		COLD
60	85	0.34	117	6	HNI		04H	+30.19	TEH	TEC	143	Bobbin Exam		COLD
61	52	0.25	0	P 2	NQI		FB5	+1.59	TEH	TEC	81	Bobbin Exam	WAR	CHG
		0.15	0	P 2	TWD	4	FB5	+1.52	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.21	0	P 3	TWD	6	FB5	+1.46	FB5	FB5	179	UB SI	WAR	COLD
		0.21	90	P 3	ARC		FB5	+1.46	FB5	FB5	179	UB SI		COLD
		0.26	0	P 3	LEN		FB5	+1.46	FB5	FB5	179	UB SI		COLD
68	51	0.24	0	P 2	NQI		FB5	-1.16	TEH	TEC	77	Bobbin Exam	WAR	CHG
		0.20	0	P 2	TWD	5	FB5	-1.23	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.43	0	P 3	TWD	11	FB5	-1.09	FB5	FB5	179	UB SI	WAR	COLD
		0.30	90	P 3	ARC		FB5	-1.09	FB5	FB5	179	UB SI		COLD
		0.29	0	P 3	LEN		FB5	-1.09	FB5	FB5	179	UB SI		COLD
78	71	0.32	0	P 2	NQI		FB5	-1.25	TEH	TEC	43	Bobbin Exam	WAR	IDOK
		0.37	0	P 2	TWD	10	FB5	-0.62	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.35	0	P 3	TWD	7	FB5	-1.02	FB5	FB5	169	UB SI	WAR	COLD
		0.26	90	P 3	ARC		FB5	-0.76	FB5	FB5	169	UB SI		COLD
		1.34	0	P 3	LEN		FB5	-0.76	FB5	FB5	169	UB SI		COLD
79	24	0.14	72	6	HNI		03H	+13.83	TEH	TEC	17	Bobbin Exam		COLD
81	64	0.36	0	P 2	NQI		FB4	-0.77	TEH	TEC	43	Bobbin Exam	WAR	CHG
		0.45	0	P 2	TWD	11	FB4	-0.70	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.59	74	P 3	TWD	11	FB4	-0.77	FB2	FB5	181	UB SI	WAR	COLD
		0.41	90	P 3	ARC		FB4	-0.74	FB4	FB4	181	UB SI		COLD
		0.34	0	P 3	LEN		FB4	-0.74	FB4	FB4	181	UB SI		COLD
82	65	0.22	0	P 2	NQI		FB5	-1.17	TEH	TEC	43	Bobbin Exam	WAR	CHG
		0.32	0	P 2	TWD	8	FB5	-1.57	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
86	83	0.29	0	P 2	NQI		FB4	-1.60	TEH	TEC	107	Bobbin Exam	WAR	COLD
		0.31	0	P 2	TWD	8	FB4	-1.60	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.16	0	P 3	TWD	3	FB4	-1.60	FB4	FB4	181	UB SI	WAR	COLD
		0.10	90	P 3	ARC		FB4	-1.84	FB4	FB4	181	UB SI		COLD
		0.43	0	P 3	LEN		FB4	-1.84	FB4	FB4	181	UB SI		COLD
		0.13	0	P 3	TWD	3	FB4	-1.60	FB4	FB4	179	UB SI	WAR	COLD
		0.14	0	P 3	LEN		FB4	-1.26	FB4	FB4	179	UB SI		COLD
		0.09	90	P 3	ARC		FB4	-1.26	FB4	FB4	179	UB SI		COLD
88	53	0.15	67	6	HNI		TSH	+12.07	TEH	TEC	37	Bobbin Exam		COLD
89	72	0.52	0	P 2	NQI		FB5	+0.43	TEH	TEC	43	Bobbin Exam	WAR	CHG
		0.72	0	P 2	TWD	17	FB5	-0.48	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.48	0	P 3	TWD	10	FB5	-0.06	FB5	FB5	169	UB SI	WAR	COLD
		0.24	90	P 3	ARC		FB5	-0.06	FB5	FB5	169	UB SI		COLD
		1.45	0	P 3	LEN		FB5	-0.06	FB5	FB5	169	UB SI		COLD
91	72	0.29	0	P 2	NQI		09C	+2.25	TEH	TEC	45	Bobbin Exam	WAR	COLD
92	77	0.48	0	P 2	NQI		FB5	-1.16	TEH	TEC	113	Bobbin Exam	WAR	CHG
		0.49	0	P 2	TWD	12	FB5	-1.24	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.21	90	P 3	ARC		FB5	-1.24	FB5	FB5	179	UB SI		COLD
		1.31	0	P 3	LEN		FB5	-1.24	FB5	FB5	179	UB SI		COLD
		0.16	0	P 3	TWD	4	FB5	-1.13	FB5	FB5	179	UB SI	WAR	COLD
94	65	0.16	124	P 1	NQI		FB4	-0.97	TEH	TEC	43	Bobbin Exam		COLD
97	72	0.66	0	P 2	NQI		FB5	+0.37	TEH	TEC	43	Bobbin Exam	WAR	CHG
		0.63	0	P 2	NQI		FB4	+0.00	TEH	TEC	43	Bobbin Exam	WAR	CHG
		0.76	0	P 2	TWD	18	FB5	+0.37	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.78	0	P 2	TWD	18	FB4	+0.00	TSC	TEH	26	Bobbin WAR calls w/	WAR	HOT
		0.26	90	P 3	ARC		FB5	-0.00	FB5	FB5	169	UB SI		COLD
		1.42	0	P 3	LEN		FB5	-0.00	FB5	FB5	169	UB SI		COLD
		0.57	0	P 3	TWD	11	FB5	+0.01	FB5	FB5	169	UB SI	WAR	COLD
		0.40	90	P 3	ARC		FB4	+0.02	FB4	FB4	179	UB SI		COLD

Indications of Imperfections

QUERY: QueryM1

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL#	SCOPE	COMMENT1	COMMENT2	LEG
102	35	0.18	82	6	HNI		01H	+14.46	TEH	TEC	21	Bobbin Exam		
		1.32	0	P 3	LEN		FB4	+0.02	FB4	FB4	179	UB SI		COLD
		0.72	0	P 3	TWD 16		FB4	+0.02	FB4	FB4	179	UB SI	WAR	COLD

Total Tubes : 30

Total Records: 78

Indications of Imperfections

Attachment 2

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL#	SCOPE	COMMENT1	COMMENT2	LEG
1	48	0.42	68	6	ADI		09H			16	Bobbin Exam			HOT
2	21	0.65	0	6	HNI		07C			127	Tuned Probe Bobbin			COLD
		2.16	77	6	HNI		07C			1	Bobbin Exam			COLD
4	55	0.34	81	6	ADI		02C			3	Bobbin Exam			COLD
6	77	0.42	84	6	HNI		01C			169	Tuned Probe Bobbin	IDOK		COLD
7	80	0.25	87	6	HNI		02C			169	Tuned Probe Bobbin	IDOK		COLD
10	141	0.32	111	4	HNI		01H			133	Tuned Probe Bobbin			COLD
13	54	1.60	90	6	ADI		01C			61	Bobbin Exam			COLD
14	43	0.56	77	6	ADI		04C			59	Bobbin Exam			COLD
16	141	0.58	89	6	ADI		04C			29	Bobbin Exam		IDOK	COLD
17	96	0.93	84	6	ADI		03C			41	Bobbin Exam			COLD
		0.50	80	6	HNI		03C			133	Tuned Probe Bobbin			COLD
21	20	0.45	65	6	ADI		04H			77	Bobbin Exam			COLD
21	70	0.65	87	6	ADI		04C			77	Bobbin Exam		IDOK	COLD
23	78	0.74	86	6	ADI		03C			159	Bobbin Exam			COLD
		0.63	88	6	ADI		01C			159	Bobbin Exam			COLD
		0.42	86	6	HNI		03C			169	Tuned Probe Bobbin	IDOK		COLD
		0.41	93	6	HNI		01C			169	Tuned Probe Bobbin	IDOK		COLD
30	69	0.29	75	6	ADI		07H			45	Bobbin Exam			COLD
30	113	0.75	82	6	ADI		04H			21	Bobbin Exam		IDOK	COLD
32	123	0.62	90	6	ADI		07C			143	Bobbin Exam			COLD
35	80	0.60	68	6	ADI		02C			15	Bobbin Exam			COLD
35	126	0.34	85	6	HNI		05H			25	Bobbin Exam			COLD
36	27	0.45	94	6	ADI		02C			55	Bobbin Exam			COLD
39	104	1.16	87	6	ADI		06C			21	Bobbin Exam		IDOK	COLD
45	132	0.50	86	6	ADI		02C			29	Bobbin Exam			COLD
47	116	4.10	183	1	DNT		CBC			21	Bobbin Exam		IDOK	COLD
51	20	1.31	74	6	ADI		04C			57	Bobbin Exam	CHG		COLD
53	114	4.04	184	1	DNT		CBC			23	Bobbin Exam		IDOK	COLD
57	82	0.89	78	6	ADI		02H			13	Bobbin Exam			COLD
58	123	0.46	83	6	ADI		02C			143	Bobbin Exam			COLD
59	130	0.45	54	6	ADI		02C			143	Bobbin Exam			COLD
		0.19	73	6	HNI		02C			169	Tuned Probe Bobbin	IDOK		COLD
60	123	1.10	84	6	HNI		05C			25	Bobbin Exam			COLD
61	68	0.21	0	P 2	NQI		FB5			43	Bobbin Exam	WAR		COLD
63	58	0.55	0	P 2	TWD	12	FB5			167	Bobbin WAR calls w/	WAR	IDOK	COLD
		0.62	0	P 2	NQI		FB5			129	Tuned Probe Bobbin	WAR	IDOK	COLD
		0.87	0	P 2	NQI		FB5			45	Bobbin Exam	WAR	CHG	COLD
		0.28	90	P 3	ARC		FB5			151	UB SI			COLD
		0.27	0	P 3	LEN		FB5			151	UB SI			COLD
		0.82	57	P 3	TWD	20	FB5			151	UB SI	WAR		COLD
63	82	0.59	79	6	HNI		02C			13	Bobbin Exam			COLD
		0.30	69	6	HNI		02C			133	Tuned Probe Bobbin			COLD
64	21	1.65	92	6	ADI		04C			55	Bobbin Exam			COLD
64	27	0.65	85	6	ADI		01C			55	Bobbin Exam		IDOK	COLD
66	93	0.40	0	P 2	NQI		05H			17	Bobbin Exam	WAR		COLD
68	99	0.43	76	6	HNI		01C			23	Bobbin Exam			COLD
		0.58	104	6	HNI		01C			23	Bobbin Exam			COLD
69	60	0.17	0	P 2	TWD	3	FB4			167	Bobbin WAR calls w/	WAR	IDOK	COLD
		0.63	0	P 2	NQI		FB4			43	Bobbin Exam	WAR		COLD
		0.14	0	P 2	NQI		FB4			129	Tuned Probe Bobbin	WAR	IDOK	COLD
		0.45	0	P 3	TWD	12	FB4			151	UB SI	WAR		COLD
		0.19	90	P 3	ARC		FB4			151	UB SI			COLD
		0.37	0	P 3	LEN		FB4			151	UB SI			COLD
69	88	0.48	77	6	HNI		02C			17	Bobbin Exam	IV		COLD
		0.26	80	6	HNI		02C			133	Tuned Probe Bobbin			COLD
70	55	0.31	90	6	ADI		03C			87	Bobbin Exam			COLD
70	107	0.51	94	6	ADI		05H			117	Bobbin Exam			COLD
		0.26	73	6	HNI		05H			133	Tuned Probe Bobbin			COLD
72	69	0.56	89	6	ADI		03C			81	Bobbin Exam		IDOK	COLD
73	60	0.32	0	P 2	NQI		FB4			127	Tuned Probe Bobbin	WAR		COLD
		0.41	0	P 2	TWD	8	FB4			167	Bobbin WAR calls w/	WAR	IDOK	COLD
		0.34	0	P 2	NQI		FB4			83	Bobbin Exam	WAR		COLD
		0.38	0	P 3	TWD	10	FB4			40	UB SI	WAR		HOT
		0.21	90	P 3	ARC		FB4			40	UB SI			HOT
		0.36	0	P 3	LEN		FB4			40	UB SI			HOT
		0.43	0	P 3	TWD	10	FB4			46	UB SI	WAR		HOT
73	90	0.63	88	6	ADI		03C			113	Bobbin Exam			COLD
73	98	0.51	81	6	ADI		01C			113	Bobbin Exam			COLD
75	46	0.47	71	6	ADI		03C			85	Bobbin Exam		IDOK	COLD
75	60	0.23	0	P 2	NQI		FB4			127	Tuned Probe Bobbin	WAR	IDOK	COLD
		0.29	0	P 2	TWD	5	FB4			167	Bobbin WAR calls w/	WAR	IDOK	COLD
		0.25	0	P 2	NQI		FB4			83	Bobbin Exam	WAR	IDOK	COLD
		0.29	0	P 3	TWD	7	FB4			46	UB SI	WAR		HOT
		0.22	90	P 3	ARC		FB4			46	UB SI			HOT

Indications of Imperfections

QUERY: QueryM1

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL#	SCOPE	COMMENT1	COMMENT2	LEG		
77	60	0.41	0	P 3	LEN		FB4	-0.80	FB4	46	UB SI			HOT		
		0.33	0	P 2	NQI		FB4	-0.50	TEH	TEC	127	Tuned Probe Bobbin	WAR	IDOK	COLD	
		0.29	0	P 2	TWD	7	FB4	-0.38	TEH	TEC	167	Bobbin WAR calls w/	WAR	IDOK	COLD	
		0.39	0	P 2	NQI		FB4	-0.60	TEH	TEC	83	Bobbin Exam	WAR		COLD	
		0.40	0	P 3	TWD	9	FB4	-0.66	FB4	FB4	153	UB SI	WAR		COLD	
		0.29	90	P 3	ARC		FB4	-0.66	FB4	FB4	153	UB SI			COLD	
		0.61	0	P 3	LEN		FB4	-0.66	FB4	FB4	153	UB SI			COLD	
79	52	0.30	156	1	HNI		01C	+19.70	TEH	TEC	127	Tuned Probe Bobbin			COLD	
83	60	0.34	0	P 2	NQI		FB4	-0.44	TEH	TEC	127	Tuned Probe Bobbin	WAR	IDOK	COLD	
		0.29	0	P 2	TWD	7	FB4	-0.55	TEH	TEC	167	Bobbin WAR calls w/	WAR	IDOK	COLD	
		0.46	0	P 2	NQI		FB4	-0.51	TEH	TEC	83	Bobbin Exam	WAR		COLD	
		0.39	0	P 3	TWD	8	FB4	-0.67	FB4	FB4	153	UB SI	WAR		COLD	
		0.21	90	P 3	ARC		FB4	-0.67	FB4	FB4	153	UB SI			COLD	
		0.61	0	P 3	LEN		FB4	-0.67	FB4	FB4	153	UB SI			COLD	
85	48	0.46	63	6	ADI		TSC	+17.87	TEH	TEC	87	Bobbin Exam			COLD	
85	60	0.77	0	P 2	TWD	17	FB4	-0.78	TEH	TEC	167	Bobbin WAR calls w/	WAR	IDOK	COLD	
		1.03	0	P 2	NQI		FB4	-0.60	TEH	TEC	83	Bobbin Exam	WAR		COLD	
		0.82	0	P 3	TWD	17	FB4	-0.68	FB4	FB4	153	UB SI	WAR		COLD	
		0.23	90	P 3	ARC		FB4	-0.68	FB4	FB4	153	UB SI			COLD	
		0.92	0	P 3	LEN		FB4	-0.68	FB4	FB4	153	UB SI			COLD	
		0.62	0	P 2	NQI		FB4	-0.53	TEH	TEC	133	Tuned Probe Bobbin	WAR		COLD	
86	55	0.62	83	6	ADI		02H	+27.24	TEH	TEC	87	Bobbin Exam			COLD	
86	61	0.31	0	P 2	NQI		FB5	-1.27	TEH	TEC	127	Tuned Probe Bobbin	WAR	IDOK	COLD	
		0.35	0	P 2	TWD	6	FB5	-1.50	TEH	TEC	167	Bobbin WAR calls w/	WAR	IDOK	COLD	
		0.50	27	P 2	NQI		FB5	-1.65	TEH	TEC	81	Bobbin Exam	WAR	IDOK	COLD	
		0.26	90	P 3	ARC		FB5	-1.76	FB5	FB5	151	UB SI			COLD	
		0.64	0	P 3	LEN		FB5	-1.76	FB5	FB5	151	UB SI			COLD	
		0.59	0	P 3	TWD	15	FB5	-1.84	FB5	FB5	151	UB SI			COLD	
87	70	0.57	86	6	ADI		FB8	+8.43	TEH	TEC	81	Bobbin Exam			COLD	
90	71	0.22	0	P 2	NQI		FB4	-1.51	TEH	TEC	127	Tuned Probe Bobbin	WAR	CHG	COLD	
		0.26	0	P 2	TWD	4	FB4	-1.38	TEH	TEC	167	Bobbin WAR calls w/	WAR	IDOK	COLD	
		0.31	0	P 2	NQI		FB4	-1.32	TEH	TEC	83	Bobbin Exam	WAR	CHG	COLD	
		0.42	0	P 3	TWD	8	FB4	-1.61	FB4	FB4	155	UB SI	WAR		COLD	
		0.25	90	P 3	ARC		FB4	-1.56	FB4	FB4	155	UB SI			COLD	
		0.47	0	P 3	LEN		FB4	-1.56	FB4	FB4	155	UB SI			COLD	
92	51	1.14	78	6	ADI		04H	+33.14	TEH	TEC	87	Bobbin Exam			COLD	
		0.72	79	6	HNI		04H	+32.96	TEH	TEC	127	Tuned Probe Bobbin			COLD	
93	74	0.35	0	P 2	TWD	7	FB4	-1.12	TEH	TEC	167	Bobbin WAR calls w/	WAR	IDOK	COLD	
		0.46	0	P 2	NQI		FB4	-1.23	TEH	TEC	101	Bobbin Exam	WAR	CHG	COLD	
		0.25	0	P 3	TWD	3	FB4	-1.26	FB4	FB4	155	UB SI	WAR		COLD	
		0.21	90	P 3	ARC		FB4	-1.26	FB4	FB4	155	UB SI			COLD	
		0.32	0	P 3	LEN		FB4	-1.26	FB4	FB4	155	UB SI			COLD	
		0.44	0	P 2	NQI		FB4	-1.34	TEH	TEC	133	Tuned Probe Bobbin	WAR	CHG	COLD	
95	60	0.38	0	P 2	NQI		FB4	-0.53	TEH	TEC	127	Tuned Probe Bobbin	WAR	IDOK	COLD	
		0.57	0	P 2	TWD	13	FB4	-0.93	TEH	TEC	167	Bobbin WAR calls w/	WAR	IDOK	COLD	
		0.54	0	P 2	NQI		FB4	-0.57	TEH	TEC	83	Bobbin Exam	WAR		COLD	
		0.53	0	P 3	TWD	12	FB4	-0.66	FB4	FB4	153	UB SI	WAR		COLD	
		0.23	90	P 3	ARC		FB4	-0.66	FB4	FB4	153	UB SI			COLD	
		1.02	0	P 3	LEN		FB4	-0.66	FB4	FB4	153	UB SI			COLD	
98	103	0.50	82	6	ADI		03H	+17.58	TEH	TEC	113	Bobbin Exam	IDOK		COLD	
		0.49	83	6	ADI		03H	+17.55	TEH	TEC	117	Bobbin Exam	IDOK		COLD	
		0.36	86	6	HNI		03H	+17.47	TEH	TEC	133	Tuned Probe Bobbin			COLD	
105	40	0.42	86	6	ADI		04H	+10.26	TEH	TEC	87	Bobbin Exam			COLD	
105	58	4.97	6	P 1	PVN		09C	+1.59	TEH	TEC	81	Bobbin Exam		IDOK	COLD	
108	45	0.46	0	P 2	NQI		09H	+1.39	TEH	TEC	87	Bobbin Exam	WAR		COLD	
110	61	0.63	0	P 2	TWD	16	FB4	-1.47	TEH	TEC	167	Bobbin WAR calls w/	WAR	IDOK	COLD	
		0.95	55	P 2	NQI		FB4	-1.41	TEH	TEC	81	Bobbin Exam	WAR	CHG	COLD	
		0.68	0	P 3	TWD	14	FB4	-1.41	FB4	FB4	155	UB SI	WAR		COLD	
		0.31	90	P 3	ARC		FB4	-1.41	FB4	FB4	155	UB SI			COLD	
		1.54	0	P 3	LEN		FB4	-1.41	FB4	FB4	155	UB SI			COLD	
		0.69	0	P 2	NQI		FB4	-1.41	TEH	TEC	133	Tuned Probe Bobbin	WAR	CHG	COLD	
110	71	0.40	73	6	ADI		06H	+23.23	TEH	TEC	83	Bobbin Exam		IDOK	COLD	
		0.40	73	6	ADI		06H	+23.23	TEH	TEC	83	Bobbin Exam			COLD	
		0.92	79	6	ADI		06C	+23.95	TEH	TEC	83	Bobbin Exam			COLD	
		0.64	82	6	HNI		06C	+23.08	TEH	TEC	133	Tuned Probe Bobbin			COLD	
		0.24	79	6	ADI		06H	+23.26	TEH	TEC	133	Tuned Probe Bobbin			COLD	
113	58	0.13	92	3	NQI		TSC	+13.46	02C	TEC	135	Bobbin Loose Parts			COLD	
		0.23	117	3	NQI		TSC	+13.78	02C	TEC	135	Bobbin Loose Parts			COLD	
		0.58	26	8	PLP		TSC	+13.54	TEH	TEC	81	Bobbin Exam		CHG	COLD	
		0.06	86	4	VOL		TSC	+14.04	TSC	01C	149	C/L SI			COLD	
		0.07	0	P 3	TWD	2	TSC	+14.04	TSC	01C	149	C/L SI			COLD	
		0.33	90	P 3	ARC		TSC	+14.22	TSC	01C	149	C/L SI			COLD	
		0.57	0	P 3	LEN		TSC	+14.22	TSC	01C	149	C/L SI			COLD	
114	57	0.45	156	1	NQI		TSC	+12.96	TO+14.74	TEH	TEC	127	Tuned Probe Bobbin			COLD
		0.93	108	3	NQI		TSC	+12.89	TO+14.46	02C	TEC	135	Bobbin Loose Parts			COLD

Indications of Imperfections

QUERY: QueryM1

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL#	SCOPE	COMMENT1	COMMENT2	LEG
===	===	=====	===	===	===	===	=====	===	===	=====	=====	=====	=====	=====
		0.45	159	1	NQI		TSC +12.96 TO+14.73	TEH	TEC	81	Bobbin Exam		CHG	COLD
		1.40	199	8	PLP		TSC +14.01	TEH	TEC	81	Bobbin Exam		CHG	COLD
		0.15	92	4	VOL		TSC +13.41	TSC	01C	149	C/L SI			COLD
		0.15	81	4	VOL		TSC +13.54	TSC	01C	149	C/L SI			COLD
		0.20	89	4	VOL		TSC +14.11	TSC	01C	149	C/L SI			COLD
		0.13	82	4	VOL		TSC +14.86	TSC	01C	149	C/L SI			COLD
		0.18	0	P	3	TWD 6	TSC +14.86	TSC	01C	149	C/L SI			COLD
		0.15	0	P	3	TWD 5	TSC +14.11	TSC	01C	149	C/L SI			COLD
		0.20	0	P	3	TWD 7	TSC +13.54	TSC	01C	149	C/L SI			COLD
		0.15	0	P	3	TWD 5	TSC +13.41	TSC	01C	149	C/L SI			COLD
		0.37	90	P	3	ARC	TSC +14.86	TSC	01C	149	C/L SI			COLD
		0.28	0	P	3	LEN	TSC +14.86	TSC	01C	149	C/L SI			COLD
		0.32	90	P	3	ARC	TSC +14.11	TSC	01C	149	C/L SI			COLD
		0.34	0	P	3	LEN	TSC +14.11	TSC	01C	149	C/L SI			COLD
		0.32	90	P	3	ARC	TSC +13.54	TSC	01C	149	C/L SI			COLD
		0.26	0	P	3	LEN	TSC +13.54	TSC	01C	149	C/L SI			COLD
		0.37	90	P	3	ARC	TSC +13.41	TSC	01C	149	C/L SI			COLD
		0.28	0	P	3	LEN	TSC +13.41	TSC	01C	149	C/L SI			COLD
114	59	0.51	78	5	NQI		TSC +12.95	02C	TEC	135	Bobbin Loose Parts			COLD
		0.24	154	1	NQI		TSC +13.15	TEH	TEC	83	Bobbin Exam		CHG	COLD
		0.17	83	4	VOL		TSC +13.26	TSC	01C	149	C/L SI			COLD
		0.10	0	P	3	TWD 3	TSC +13.26	TSC	01C	149	C/L SI			COLD
		0.26	90	P	3	ARC	TSC +13.42	TSC	01C	149	C/L SI			COLD
		0.28	0	P	3	LEN	TSC +13.42	TSC	01C	149	C/L SI			COLD
		0.32	157	1	NQI		TSC +13.27	TEH	TEC	133	Tuned Probe Bobbin			COLD
115	56	0.29	103	3	NQI		TSC +12.83	02C	TEC	135	Bobbin Loose Parts			COLD
		0.59	32	8	PLP		TSC +13.87	TEH	TEC	83	Bobbin Exam		CHG	COLD
		0.06	107	4	VOL		TSC +13.23	TSC	01C	149	C/L SI			COLD
		0.03	0	P	3	TWD 1	TSC +13.23	TSC	01C	149	C/L SI			COLD
115	58	0.21	156	1	NQI		TSC +13.09	TEH	TEC	127	Tuned Probe Bobbin			COLD
		0.58	116	3	NQI		TSC +12.91	02C	TEC	135	Bobbin Loose Parts			COLD
		0.33	159	1	NQI		TSC +13.09	TEH	TEC	81	Bobbin Exam		CHG	COLD
		0.16	117	8	PLP		TSC +13.21	TEH	TEC	81	Bobbin Exam		CHG	COLD
		0.16	92	4	VOL		TSC +13.43	TSC	01C	149	C/L SI			COLD
		0.09	0	P	3	TWD 3	TSC +13.43	TSC	01C	149	C/L SI			COLD
		0.32	90	P	3	ARC	TSC +13.59	TSC	01C	149	C/L SI			COLD
		0.45	0	P	3	LEN	TSC +13.59	TSC	01C	149	C/L SI			COLD
116	55	0.27	155	1	NQI		TSC +15.67	TEH	TEC	127	Tuned Probe Bobbin			COLD
		0.44	105	3	NQI		TSC +15.51 TO+18.45	02C	TEC	135	Bobbin Loose Parts			COLD
		0.16	141	1	NQI		TSC +15.67	TEH	TEC	81	Bobbin Exam		CHG	COLD
		0.95	46	8	PLP		TSC +17.54	TEH	TEC	81	Bobbin Exam		CHG	COLD
		0.09	86	4	VOL		TSC +15.71	TSC	01C	149	C/L SI			COLD
		0.06	70	4	VOL		TSC +15.96	TSC	01C	149	C/L SI			COLD
		0.07	76	4	VOL		TSC +16.73	TSC	01C	149	C/L SI			COLD
		0.07	0	P	3	TWD 1	TSC +16.73	TSC	01C	149	C/L SI			COLD
		0.06	0	P	3	TWD 1	TSC +15.96	TSC	01C	149	C/L SI			COLD
		0.10	0	P	3	TWD 2	TSC +15.71	TSC	01C	149	C/L SI			COLD
		0.35	90	4	ARC		TSC +16.73	TSC	01C	149	C/L SI			COLD
		0.28	0	4	LEN		TSC +16.73	TSC	01C	149	C/L SI			COLD
		0.35	90	4	ARC		TSC +15.96	TSC	01C	149	C/L SI			COLD
		0.26	0	4	LEN		TSC +15.96	TSC	01C	149	C/L SI			COLD
		0.33	90	4	ARC		TSC +15.71	TSC	01C	149	C/L SI			COLD
		0.34	0	4	LEN		TSC +15.71	TSC	01C	149	C/L SI			COLD
116	57	1.00	107	3	NQI		TSC +13.57 TO+15.04	02C	TEC	135	Bobbin Loose Parts			COLD
		0.57	107	3	NQI		TSC +13.57 TO+15.04	TEH	TEC	141	Tuned Probe Bobbin			COLD
		0.42	160	1	NQI		TSC +15.02	TEH	TEC	83	Bobbin Exam		CHG	COLD
		0.29	156	1	NQI		TSC +14.64	TEH	TEC	83	Bobbin Exam		CHG	COLD
		1.27	215	8	PLP		TSC +14.28	TEH	TEC	83	Bobbin Exam		CHG	COLD
		0.20	89	4	VOL		TSC +14.93	TSC	01C	149	C/L SI			COLD
		0.07	88	4	VOL		TSC +13.84	TSC	TSC	149	C/L SI			COLD
		0.08	85	4	VOL		TSC +15.24	TSC	TSC	149	C/L SI			COLD
		0.07	0	P	3	TWD 3	TSC +15.24	TSC	01C	149	C/L SI			COLD
		0.06	0	P	3	TWD 2	TSC +13.83	TSC	01C	149	C/L SI			COLD
		0.12	0	P	3	TWD 4	TSC +14.93	TSC	01C	149	C/L SI			COLD
		0.32	90	P	3	ARC	TSC +15.43	TSC	01C	149	C/L SI			COLD
		0.37	0	P	3	LEN	TSC +15.43	TSC	01C	149	C/L SI			COLD
		0.32	90	P	3	ARC	TSC +14.06	TSC	01C	149	C/L SI			COLD
		0.26	0	P	3	LEN	TSC +14.06	TSC	01C	149	C/L SI			COLD
		0.32	90	P	3	ARC	TSC +15.11	TSC	01C	149	C/L SI			COLD
		0.31	0	P	3	LEN	TSC +15.11	TSC	01C	149	C/L SI			COLD
117	58	1.29	119	3	NQI		TSC +13.68 TO+14.58	02C	TEC	135	Bobbin Loose Parts			COLD
		0.59	161	1	NQI		TSC +14.06	TEH	TEC	167	Bobbin WAR calls w/ IDOK		IDOK	COLD
		0.18	0	P	2	TWD 1	09C +1.39	TEH	TEC	167	Bobbin WAR calls w/ WAR		IDOK	COLD
		0.58	152	1	NQI		TSC +13.81	TEH	TEC	81	Bobbin Exam		CHG	COLD
		0.62	132	8	PLP		TSC +14.23	TEH	TEC	81	Bobbin Exam		CHG	COLD



Indications of Imperfections

QUERY: QueryM1

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	EXT	EXT	CAL#	SCOPE	COMMENT1	COMMENT2	LEG
0.22	0	P 3	TWD 7	09C	+1.36	09C 09C	149	C/L	SI	WAR		COLD		
0.29	90	P 3	ARC	09C	+1.39	09C 09C	149	C/L	SI			COLD		
0.32	0	P 3	LEN	09C	+1.39	09C 09C	149	C/L	SI			COLD		
0.29	67	3	VOL	TSC	+13.77 TO+15.17	TSC 01C	149	C/L	SI			COLD		
0.20	0	P 3	TWD 7	TSC	+13.77 TO+15.17	TSC 01C	149	C/L	SI			COLD		
0.32	90	P 3	ARC	TSC	+14.54	TSC 01C	149	C/L	SI			COLD		
0.88	0	P 3	LEN	TSC	+14.54	TSC 01C	149	C/L	SI			COLD		
0.56	163	1	NQI	TSC	+13.66	TEH TEC	133	Tuned Probe	Bobbin			COLD		
0.23	0	P 2	NQI	09C	+1.25	TEH TEC	133	Tuned Probe	Bobbin	WAR		COLD		

Total Tubes : 71  
Total Records: 234