

H. B. Barron Vice President **Duke Energy Corporation**

McGuire Nuclear Station 12700 Hagers Ferry Road Huntersville, NC 28078-9340 (704) 875-4800 OFFICE (704) 875-4809 FAX

December 14, 2000

U. S. Nuclear Regulatory Commission Document Control Desk Washington, D.C. 20555-0001

Subject:

McGuire Nuclear Station, Unit 2

Docket No. 50-370

Steam Generator Tube Inspection Summary Report

September 2000, EOC-13 Refueling Outage

Please find attached steam generator tube inspection summary report for inservice inspections conducted during the end of cycle 13 (EOC-13) refueling outage for McGuire Nuclear Station (MNS), Unit 2.

This report is being submitted pursuant to the 90 day filing requirements of Article IWA-6000 of Section XI of the ASME Code. The examinations described in this report were completed on September 22, 2000. This report does not contain any relief requests. Therefore, Duke Energy Corporation has no request for review of these reports.

Any questions on this matter should be directed to Mike Wilder, MNS Licensing and Compliance, at (704) 875-5362.

Sincerely,

H. B. Barron, Vice President

McGuire Nuclear Station

14B Baum

Attachment

A047

U.S. Nuclear Regulatory Commission December 14, 2000 Page 2

cc w/o att:

Mr. L. A Reyes Regional Administrator, Region II U. S. Nuclear Regulatory Commission 101 Marietta Street, NW, Suite 2900 Atlanta, Georgia 30323

Mr. F. Rinaldi, Project Manager Office of Nuclear Reactor Regulation U. S. Nuclear Regulatory Commission One White Flint North, Mail Stop 9H3 Washington, D.C. 20555

S. M. Shaeffer Senior NRC ResidentInspector McGuire Nuclear Station U.S. Nuclear Regulatory Commission March 9, 2000 Page 3

bxc w/att: ELL (EC050)

Master File: 1.3.8.1 - Routine Reports

R.L. Gill, Jr. (EC12R)

bxc w/o att: Kay L. Crane (MG01RC)

Gary D. Gilbert (CN01RC) Charles J. Thomas (EC050)

Lisa Vaughn (PB05E)

Larry E Nicholson (ON03RC)

G.W. Crump W.M. Sample R. Branch

Steam Generator Outage Summary Report

McGuire Unit 2 2000 Outage EOC 13

Location: Hwy. 73, Cowans Ford, North Carolina 28216

NRC Docket No. 50-370

National Board No. 84

Commercial Service Date: March 1, 1984

Owner: Duke Energy Corporation 526 South Church St. Charlotte, N.C. 28201-1006

Revision 0

Prepared By:	Swelder. Co	~	Date:	10/10/00
Reviewed By:	Janys K	ua	Date:	11.9.00
Approved By:	Mous de	ingle	Date:	11-9-00
Copy No.	1	Assigned To	0:	NRC DELMENT CONTROL
Controlled:		Uncontrolle	ed:	

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS As required by the Provisions of the ASME Code Rules

1. Owner: <u>Duke Power Company</u>, 526 S. Church St., Charlotte, NC 28201-1006 (Name and Address of Owner)

2. Plant: McGuire Nuclear Station, 12700 Hagers Ferry Rd., Huntersville, NC 28078 (Name and Address of Plant)

3. Plant Unit: $\underline{2}$ 4. Owner Certificate of Authorization (if required) $\underline{N/A}$

5. Commercial Service Date March 1, 1984 6. National Board Number for Unit 84

7. Components Inspected:

Component or	Manufacturer	Manufacturer or	State or	National
Appurtenance	or Installer	Installer Serial No.	Province No.	Board No.
2A Steam Generator	B&W Canada	7700-02	N/A	159
2B Steam Generator	B&W Canada	7700-04	N/A	161
2C Steam Generator	B&W Canada	7700-01	N/A	158
2D Steam Generator	B&W Canada	7700-03	N/A	160

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8^{1}/2$ in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates September 11, 2000 to September 22, 2000										
9. Inspection Period Identification: 2 nd Period of the 2 nd Interval										
10. Inspection Interval Identification: 2 nd Interval										
11. Applicable Edition of Section XI 1989 Addenda None										
12. Date/Revision of Inspection Plan: 10/10/2000 Rev.1										
13. Abstract of Examinations and Test. Refer to Attached Steam Generator Outage Summary Report										
14. Abstract of Results of Examination and Tests. Refer to Attached Steam Generator Outage Summary Report										
15. Abstract of Corrective Measures. Refer to Attached Steam Generator Outage Summary Report										
We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.										
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A										
Date 10/11 20 00 Signed Duke Power Co. By William Wfample										
CERTIFICATE OF INSERVICE INSPECTION										
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province ofNorth Carolina employed by * The HSBI&I Co. ofHRETTORD, have inspected the components described in this Owners' Report during the period to, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owners' Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, and corrective measures described in this Owners' Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection										
and the State of Province ofNorth Carolina employed by * The HSBI&I Co. ofHARTFORD CT. have inspected the components described in this Owners' Report during the periodHO										
and the State of Province ofNorth Carolina employed by * The HSBI&I Co. ofHARTFORD CT. have inspected the components described in this Owners' Report during the periodHO										
and the State of Province ofNorth Carolina employed by * The HSBI&I Co. ofHAETFORD CT have inspected the components described in this Owners' Report during the period to, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owners' Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, and corrective measures described in this Owners' Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection Commissions										

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS As Required By The Provisions Of The ASME Code Section XI

1.	Owner Address:	Duke Power Company 526 S. Church Street, Charlotte, NC 28201-1006	1a. Date <u>October 2 2000</u> Sheet <u>1</u> of 1
2.	Plant Address:	McGuire Nuclear Station 12700 Hagers Ferry Road, Huntersville, NC 28078	•
2a.	Unit: □1 🗹2	□3 □Shared (specify Units)	
3.	Work Performed By Address:	: <u>Duke Power Company</u> 526 S, Church Street, Charlotte NC 28201-1006 P	98243451 Repair Organization Job #
	Type Code Symbol	Stamp: N/A Authorization No. N/A Expiration Date: N/A 3b. NSM or MM #:	N/A
4.	(a) Identification of	System: NC - Reactor Coolant 4. (b) Class of System: A	
5.	(a) Applicable Cor (b) Applicable Edit	struction Code: <u>ASME III</u> 19 <u>71</u> Edition, <u>Summer and Winter</u> Addenda, <u>N/A</u> ion of Section XI Utilized for Repairs or Replacements: <u>1989, No Addenda</u> (1992 through 1992 Addenda for Class MC ar	Code Cases nd CC and their supports)
6.	Identification of Cor	nponents Repaired or Replaced and Replacement Components:	

	Column 1	Column 2	Column 3	Column 4	Column 5	Col 6	Column 7	Column 8
Name of Component		Name of Mfg	Mig Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME (< de Stemped (y: e or no)
							☐ Repaired,	□ No
Α	OA Oteam Conomics	B&W	770002	159	N/A	1996	☐ Replaced,	
	2A Steam Generator	Daw	1.000=				☑ Replacement	⊠Yes ∵
_		· · · · · · · · · · · · · · · · · · ·					☐ Repaired,	□ No
В	1						☐ Replaced,	
	1		İ				□ Replacement	□Y3;
_							☐ Repaired,	□No
С		•					☐ Replaced,	
	1	•					☐ Replacement	□ Yes
_							☐ Repaired,	□ No
D	1						☐ Replaced,	
	\ · \ \						☐ Replacement	□ Y∋s
_						-	☐ Repaired,	□No
E	1						☐ Replaced,	
	1	•					☐ Replacement	□ Yos
			 				-□ Repaired,	
F	1						☐ Replaced,	
					-		☐ Replacement	□ Yes



Form	NIS-2	(Back)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. x 11 in. (2) information in items1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

7.	Description of Work Replaced one primary manway stud (18)
8.	Test Conducted:Hydrostatic ☐ Pneumatic ☐ Nom. Operating Press. ☑ Other ☐ Exempt☐
	Pressurepsig Test Temp°F Pressurepsig Test Temp°F Pressurepsig Test Temp°F
9. —	Remarks
	(Applicable Manufacturer's Data Records to be attached)
	CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this repair or replacement conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Signed FL Grass Jr., QA Tech Specialist Owner or Owner's Designee, Title
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by HSBI and I Company of Hartford Connecticut have inspected the components described in this Owner's Report during the period 9-30-00 to 10-12-00; and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in the Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection. By R.D. Klein Commissions NB7728, NC853, N-I National Board, State, Province and Endorsements

September 27, 2000

Michael T. Cash

Regulatory Compliance - MG02RC

Attention: Kay Crane

Subject:

McGuire Nuclear Station Unit 2 Steam Generator

September 2000, EOC-13 Refueling Outage NRC Inspection Report – 15 Day & 12 Month

Dear Sir,

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

1. The following quantity of tubes were inspected from either side of the Generator.

Steam Generator	Tubes Inspected Full Length	Tubes Inspected Partial Length
Α	1693	146
В	35	1571
С	23	738
D	1697	147

2. The following information is submitted concerning tube indications of imperfections. (The attached list identifies the tubes with imperfections, their locations and their size.)

Steam Generator	<u>Attachment</u>
Α	1
В	2
С	3
D	4

3. They were no tubes removed from service by plugging.

If further information is required, please call me at 875-5036.

Sincerely,

Wendy L. Cochran

Eddy Current Data Administrator

WLC.wlc

cc: w/o attachments W.F. Brady - EC090

Wendy J. Cocknan

R.W. Eaker – EC07E W.M. Sample - EC07E

cc: w/attachments G.W. Crump - EC07E

D.E. Kinard - MG01MM

ATTACHMENT #1 - INDICATIONS OF IMPERFECTIONS BOBBIN & MRPC

BOM	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	1	EXT	EXT	PROBE	CAL#	COMMENT1	COMMENT2	LEG
===	===	======	===	===	===	===	=======		===	====	======	====	=======	=======	========
3	52	0.59	45	6	HNI		08H	+28.83	TEH		560UL	30			HOT
6	41	0.15	85	š	VOL		01H	+6.75	01H	02H	5402C	50			HOT
19	50	0.43	126	1	NOI		CBC	+5.25	09H	TEC	560UL	25			COLD
21	68	0.41	119	P 1	HNI		CBC	+5.69	09H	TEC	560UL	27			COLD
26	43	0.18	87	6	HNI		07H	-2.94	TEH	CBH	560UL	26			HOT
27	36	0.21	86	6	HNI		07н	+34.43	TEH	09H	560UL	26			HOT
29	76	0.16	83	ñ	HNI		07H	+6.77	TEH	CBH	560UL	16			HOT
33	88	0.20	85	6	HNI		04C	-2.77	09Н	TEC	560UL	13			COLD
35	40	0.20	122	-	HNI		02H	+30.31	TEH	CBH	560UL	28			HOT
44		0.27	100		HNI		06C	+22.53	09H	TEC	560UL	13			COLD
46	81	0.30	61	6	HNI		08C	+26.51	09H	TEC	560UL	13			COLD
47	34	0.43	125	P 1			05н	+0.46	TEH	CBH	560UL	18			HOT
	J.	0.27	0	P 3		6	05H	+0.51	05H	05H	5402C	46	WAR		HOT
48	31	0.18	84	6	ADI	-	01C	+26.61	09H	TEC	560UL	29			COLD
	-	0.20	40	3	VOL		01C	+26.06	02C	01C	5602C	55			COLD
48	35	0.50	124	P 1			05н	+0.44	TEH	CBH	560UL	18			HOT
40	33	0.20	0	P 3		4	05Н	+0.46	05H	05H	5402C	46	WAR		HOT
		0.28	ŏ	P 3	TWD		05Н	+0.57	05H	05H	5402C	50	WAR		HOT
61	70	0.23	ŏ	P 2	NOI	•	FB5	+1.63	09H	TEC	560UL	25	WAR		COLD
01		0.36	ŏ	P 3	_	7	FB5	+1.72	FB5	FB5	5202C	57	WAR		COLD
63	56	0.17	90	6	HNI		03Н	+20.17	TEH	09H	560UL	22			HOT
65	60	0.17	90	6	ADI		04C	+36.14	08H	TEC	560UL	25			COLD
70	79	0.82	72	6	HNI		02H	+15.56	TEH	CBH	560UL	6			HOT
72	103	0.22	85	6	HNI		04C	+28.16	09H	TEC	560UL	5			COLD
91	44	0.47	38	6	HNI		03C	+28.71	09H	TEC	560UL	21			COLD
94	41	0.22	101	_	HNI		05C	+7.15	09H	TEC	560UL	21			COLD
94	107	0.57	125		HNI		02H	+18.89		CBH	560UL	6			HOT
95	48	0.54	82	6	HNI		01C	+27.23	09H	TEC	560UL	21			COLD
96	75	0.13	ō	P 2			FB6	+0.66		TEC	560UL	29	WAR		COLD
		0.24	ō	P 3		5	FB6	+0.68	FB6	FB6	5202C	57	WAR		COLD

Total Tubes : 24 Total Records: 30 ATTACHMENT \$2 - INDICATIONS OF IMPERFECTIONS BOBBIN & MRPC

ROW	COL	VOLTS	DEG	CHN	IND	%TW	LOCATION	1	EXT	EXT	PROBE			COMMENT2	
===	_		===	===	===	===	=======	=======================================	===	====	======	====	=======	=======	======
1	82	0.44	82	6	ADI		08C	+34.92	CBC		560UL	13			COLD
2	123	0.48	80	6	HNI		09H	-10.13		TEC	560UL	13			COLD
9	130	0.14	92	6	HNI		03H	+18.10		TEC	560UL	71			COLD
18	105	0.20	90	6	HNI		02C	+11.26		TEC	560UL	37			COLD
		0.17	85	6	HNI		02C	+11.27		TEC	560UL	71			COLD
25	24	0.40	58	6	HNI		06C	+34.05		TEC	560UL	55			COLD
		0.54	55	6	HNI		06C	+34.38		TEC	560UL	71			COLD
47	80	0.08	80	6	HNI		04H	+30.30		TEC	560UL	71			COLD
49	70	0.34	92	6	HNI		01H	+26.87		TEC	560UL	71			COLD
49	82	0.55	25	1	HNI		09C	+12.48		TEC	560UL	37			COLD
		3.27	18	P 1	HNI		09C	+12.04		TEC	560UL	71			COLD
54	73	0.15	94	6	HNI		05H	+12.61		TEC	560UL	71			COLD
62	61	1.16	19	1	HNI		09C	+13.04		TEC	560UL	63			COLD
		1.23	18	1	HNI		09C	+12.87		TEC	560UL	71			COLD
66	83	0.09	78	6	HNI		05H	+10.39		TEC	560UL	71			COLD
68	71	0.20	127	P 1	HNI		CBH	+3.02		TEC	560UL	55			COLD
••	. –	0.23	127	P 1	HNI		CBH	+3.86		TEC	560UL	71			COLD
74	71	0.22	94	6	HNI		05H	+13.85		TEC	560UL	71			COLD
75	108	0.28	77	6	HNI		04H	+23.74		TEC	560UL	71			COLD
76	77	0.25	98	6	HNI		02C	+21.08		TEC	560UL	27			COLD
. •	•	0.25	93	6	HNI		02C	+21.12		TEC	560UL	71			COLD
78	77	0.11	0	P 2	NQI		FB2	+0.77		TEC	560UL	23	WAR		COLD
	• •	0.11	Ō	P 2			FB2	+0.75		TEC	560UL	71	WAR		COLD
		0.35	ō	P 3		9	FB2	+0.67		FB2	5202C	77	WAR		COLD
81	78	0.17	Ö	P 2	NQI		FB5	+1.00		TEC	560UL	27	WAR		COLD
0.1		0.19	ō	P 2			FB5	+0.95	TEH	TEC	560UL	71	WAR		COLD
		0.50	ō	P 3	-	11	FB5	+1.05		FB5	5202C	75	WAR		COLD
87	78	0.31	122	4	HNI		01C	+32.49		TEC	560UL	63			COLD
0,	, 0	0.23	124	4	HNI		01C	+32.52		TEC	560UL	71			COLD
89	72	0.22	52	6	HNI		09C	+15.22	08H	TEC	560UL	51			COLD
9,7		0.18	70	6	HNI		09C	+15.61		TEC	560UL	71			COLD
99	80	0.18	75	6	HNI		08C	+32.55		TEC	560UL	27			COLD
	-	1.42	80	6	HNI		08C	+31.39		TEC	560UL	71			COLD
100	95	0.40	77	6	HNI		TSH	+7.85	TEH	TEC	560UL	71			COLD
104		0.15	92	6	HNI		04H	+26.07	TEH	TEC	560UL	71			COLD
104	3/	J . 1 J		~											

Total Tubes : 22 Total Records: 35 ting to the control of the control o

ATTACHMENT #3 - INDICATIONS OF IMPERFECTIONS BOBBIN & MRPC

BOM.	COI	VOLTS	DEG	CHN	TND	%TW	LOCATION	I	EXT	EXT	PROBE			COMMENT2	
		=====				===	=======		===	====	======	====	======	=======	x======
1		14.06	179		DNT		CBH	+6.73	TEH		560UL	6			HOT
-	120	8.40	194		DNT		CBH	+6.70	CBH		5202C	64			HOT
27	30	0.74	83	6	HNI		03H	+13.06 TO+24.71	TEH		560UL	46			нот
2.	-	0.68	80	6	HNI		03H	+13.06 TO+24.71	TEH		560UL	48			нот
43	60	0.17	80	6	HNI		01H	+5.74	TEH		560UL	34			нот
13	••	0.15	81	6	HNI		01H	+5.70	TEH		560UL	48			HOT
43	66	0.22	97	6	HNI		02C	+12.32	TEH		560UL	48			HOT
44		0.18	88	6	HNI		TSC	+11.52	TEH		560UL	48			HOT
47	50	0.18	0	P 2	NQI		FB4	+0.64	TEH		560UL	34	WAR		HOT
•	-	0.45	0	P 3		14	FB4	+0.47	FB4		5202C	64	WAR		HOT
48	71	1.19	76	6	HNI		01H	+20.16		09C	560UL	46			HOT
		1.17	75	6	HNI		01H	+20.16		TEC	560UL	48			HOT
49	68	0.14	158	1	HNI		02C	+12.62		TEC	560UL	48			HOT
51	86	0.09	0	P 2	NQI		FB4	-1.80		TEC	560UL	48	WAR		HOT
-		0.22	0	P 2	NQI		FB4	-1.86		08C	560UL	42	WAR		HOT
		0.28	0	P 3	TWD	9	FB4	-1.88	FB4		5202C	64	WAR		HOT
68	15	0.24	52	6	HNI		TSH	+14.81		09C	560UL	46			нот
• • •		0.54	86	6	ADI		02H	+19.13		09C	560UL	46			НОТ НОТ
		0.60	89	6	ADI		02H	+19.42		TEC	560UL	48			
		0.28	48	6	HNI		TSH	+14.83		TEC	560UL	48			HOT
68	49	0.24	0	P 2	NQI		FB5	-0.60		08C	560UL	36	WAR		НОТ НОТ
• -		0.12	0	P 2	NQI		FB5	-0.60		TEC	560UL	48	WAR		HOT
		0.29	0	P 3	TWD	8	FB5	-0.41		FB5	5202C	62	WAR		HOT
68	63	0.08	0	P 2	NQI		FB5	-1.52		09C	560UL	32	WAR		HOT
		0.07	0	P 2	NQI		FB5	-1.73		TEC	560UL	48	WAR		HOT
		0.11	0	P 3		4	FB5	-1.63		FB5	5202C	64	WAR		HOT
68	85	0.20	0	P 2	NQI		FB5	+0.87		TEC	560UL	48	WAR		HOT
		0.19	0	P 2	NQI		FB5	+0.78		09C	560UL	42	WAR		HOT
		0.34	0	P 3	TWD	11	FB5	+1.04		FB5	5202C	64 46	WAR		HOT
69	120	0.35	100	6	HNI		02H	+7.96		09C	560UL	48			нот
		0.31	166	1	HNI		02H	+7.96		TEC	560UL				HOT
71	48	0.12	67	6	HNI		02C	+3.53		TEC	560UL 560UL	48 48	WAR		HOT
71	64	0.08	0		NQI		FB5	+1.25		TEC	560UL	22	WAR		нот
		0.10	0		NQI		FB5	+1.26		08C FB5	5202C	64	WAR		HOT
		0.29	0	P 3			FB5	+1.30		TEC	560UL	48	MAIN		HOT
90	117	0.80	63	6	HNI		09H	+10.27		09C	560UL	42			HOT
		0.99	70	6	HNI		09H	+10.27		TEC	560UL	48			HOT
104		1.51	84	6	HNI		06C	+16.71 TO+29.03		TEC	560UL	48	WAR		HOT
105	78	0.16	0		NQI		FB4	+1.33		08C	560UL	42	WAR		HOT
		0.21	0		NQ1		FB4	+1.44		FB4	5202C	64	WAR		HOT
		0.35	0	Р.		11	FB4	+1.43		FB4	5202C	66	WAR		нот
		0.34	0	Ρ.	3 TWI	12	FB4	+1.39	r 54	r D4	J202C	00	WAL.		

Total Tubes : 19 Total Records: 42 · Framatome Technologies Inc. Customer Name: McGuire - Unit 2 Replacement

09/21/00 11:58:28 Component: S/G D

ATTACHMENT #4 - INDICATIONS OF IMPERFECTIONS BOBBIN & MRPC

1 9 20 41 58 62 69 82 83	=== 14 14 121 34 53 75	VOLTS ====== 0.27 0.13 0.60 0.23 0.48 0.36 0.08 0.13 0.60 0.54 0.36 0.26 0.35	=== 80 80 76 109 72 74 0 0 0 107 86 0	CHN === 6 6 6 6 6 6 P 2 P 3 6 6 P P 6	HNI HNI HNI HNI HNI NQI TWD ADI HNI NQI TWD	10	01C 02C 02H 05C 05C FB3 FB3 FB3 05H FB3 FB3 FB3	======================================	TEH CBC CBC CBC CBC CBC TEH TEH TEH TEH TEH FB3	EXT ==== CBH TEC TEC TEC TEC TEC O9C FB3 O9C O9C FB4 O9C	PROBE ====== 560UL 560UL 560UL 560UL 560UL 560UL 560UL 560UL 5202C 560UL 560UL 560UL 560UL 560UL	CAL# ==== 6 11 15 20 5 5 19 40 27 20 32 38 64 38	COMMENT1 ======= WAR WAR WAR WAR WAR	COMMENT2 ======	LEG HOT COLD COLD HOT COLD COLD HOT COLD HOT HOT HOT HOT HOT HOT
84	95	0.35 0.75 1.30	0 80 79	P 3 6 6	ADI ADI	6	FB3 03H 01H	+1.77 +32.19 +16.68	TEH				WELL		

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Total Tubes : 10 Total Records: 15