

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

JUL 11 AM 11:30

July 7, 1980

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

OFFICE OF INSPECTION AND ENFORCEMENT BULLETIN 79-14 - RII:JPO  
50-259, -260, -296 - BROWNS FERRY NUCLEAR PLANT UNITS 1, 2, AND 3

Enclosed is the monthly status report for work related to IE Bulletin 79-14 being performed at the Browns Ferry Nuclear Plant. This report presents the status of work as of July 1, 1980. If you have any questions regarding this matter, please get in touch with Jim Domer at FTS 857-2014.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

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BROWNS FERRY NUCLEAR PLANT

IE BULLETIN 79-14

PROGRESS REPORT

JULY 1980

SECTION A REPRESENTS OVERALL PERCENTAGE  
COMPLETION OF 79-14 AT BROWNS FERRY

SECTION B REPRESENTS DRAWING CONFIGURATION INSPECTION

SECTION C REPRESENTS PIPE SUPPORT INSPECTION .

SECTION D REPRESENTS FLOOR AND WALL PENETRATION INSPECTION

SECTION E REPRESENTS VALVE INSPECTION

## OVERALL PERCENTAGE

A1

SYSTEM	UNIT 1 ACCESSIBLE	UNIT 1 INACCESSIBLE	UNIT 2 ACCESSIBLE	UNIT 2 INACCESSIBLE	UNIT 3 ACCESSIBLE	UNIT 3 INACCESSIBLE
Core Spray	100%	100%	0%	90%	100%	90%
CRD	100%	100%	0%	0%	100%	100%
CSS Ring Header	100%	NA	0%	NA	100%	NA
DW & Torus Purge Piping	100%	NA	0%	NA	40%	NA
Drywell Spray Header	NA	100%	NA	0%	NA	100%
Torus Spray Header	NA	100%	NA	0%	NA	100%
Drywell Control A	NA	100%	NA	0%	NA	100%
EECW	100%	NA	30%	NA	30%	NA
Feedwater	NA	100%	NA	0%	NA	85%
FPC	100%	100%	0%	0%	100%	85%

## OVERALL PERCENTAGE

A2

SYSTEM	UNIT 1 ACCESSIBLE	UNIT 1 INACCESSIBLE	UNIT 2 ACCESSIBLE	UNIT 2 INACCESSIBLE	UNIT 3 ACCESSIBLE	UNIT 3 INACCESSIBLE
HPCI	100%	100%	0%	0%	85%	99%
Main Steam	NA	100%	NA	0%	NA	85%
Torus Ring Header	100%	NA	25%	NA	0%	NA
RBCCW	100%	100%	0%	50%	10%	100%
RCIC	100%	100%	85%	0%	85%	99%
Recircu- lation	NA	100%	NA	0%	NA	85%
RHR	100%	100%	10%	50%	50%	75%
RHRSW	100%	NA	5%	NA	30%	NA
RWCU	NA	100%	NA	0%	NA	85%
Radwaste Sump Pump Discharge	100%	100%	60%	90%	100%	100%

OVERALL PERCENTAGE

A3

SYSTEM	UNIT 1 ACCESSIBLE	UNIT 1 INACCESSIBLE	UNIT 2 ACCESSIBLE	UNIT 2 INACCESSIBLE	UNIT 3 ACCESSIBLE	UNIT 3 INACCESSIBLE
Rx Drain & Vent	NA	100%	NA	0%	NA	85%
SGT	100%	NA	100%	NA	100%	NA
SLC	100%	100%	0%	100%	100%	100%

## DRAWING CONFIGURATION INSPECTION

B1

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Core Spray	2	0	0	0
2	Core Spray	1	0	0	0
3	Core Spray	6	3	0	0
1	CRD	1	0	0	0
2	CRD	0	0	0	0
3	CRD	2	1	0	0
1	CSS Ring Header	1	1	0	0
2	CSS Ring Header	0	0	0	0
3	CSS Ring Header	1	1	0	0
1	DW and Torus Purge Piping	4	4	0	0
2	DW and Torus Purge Piping	0	0	0	0
3	DW and Torus Purge Piping	0	0	0	0

## DRAWING CONFIGURATION INSPECTION

B2

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Drywell Spray Header	4	1	0	0
2	Drywell Spray Header	0	0	0	0
3	Drywell Spray Header	1	0	0	0
1	Torus Spray Header	1	1	0	0
2	Torus Spray Header	0	0	0	0
3	Torus Spray Header	1	1	0	0
1	Drywell Control Air	1	0	0	0
2	Drywell Control Air	0	0	0	0
3	Drywell Control Air	1	0	0	0
1	EECW	17	14	2	0
2	EECW	0	0	0	0
3	EECW	3	0	0	0

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Feedwater	1	0	0	0
2	Feedwater	0	0	0	0
3	Feedwater	1	0	0	0
1	FPC	4	2	0	0
2	FPC	0	0	0	0
3	FPC	2	2	0	0
1	HPCI	4	2	0	0
2	HPCI	1	0	0	0
3	HPCI	2	1	0	0
1	Main Steam	3	1	0	0
2	Main Steam	0	0	0	0
3	Main Steam	1	1	0	0



## DRAWING CONFIGURATION INSPECTION

B4

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Torus Ring Header	1	1	0	0
2	Torus Ring Header	0	0	0	0
3	Torus Ring Header	0	0	0	0
1	RBCCW	11	5	13	13
2	RBCCW	1	1	0	1
3	RBCCW	3	2	2	0
1	RCIC	4	3	0	0
2	RCIC	3	3	0	0
3	RCIC	4	3	0	0
1	Recirculation	1	0	0	0
2	Recirculation	0	0	0	0
3	Recirculation	1	0	0	0

## DRAWING CONFIGURATION INSPECTION

B5

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	RHR	13	13	1	0
2	RHR	0	0	0	0
3	RHR	7	5	0	0
1	RHRSW	1	0	0	0
2	RHRSW	0	0	0	0
3	RHRSW	0	0	0	0
1	RWCU	2	0	0	0
2	RWCU	0	0	0	0
3	RWCU	2	1	0	0
1	Radwaste Sump Pump Discharge	2	2	10	0
2	Radwaste Sump Pump Discharge	3	3	1	0
3	Radwaste Sump Pump Discharge	3	0	1	0

## DRAWING CONFIGURATION INSPECTION

B6

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	RX Drain and Vent	1	1	0	0
2	RX Drain and Vent	0	0	0	0
3	RX Drain and Vent	2	2	0	0
1	SGT	1	1	0	1
2	SGT	1	1	1	1
3	SGT	1	1	0	0
1	SLC	3	3	0	0
2	SLC	1	1	0	0
3	SLC	2	2	0	0

PIPE SUPPORT INSPECTION

C1

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Core Spray	92	58	0	16
2	Core Spray	10	4	0	0
3	Core Spray	103	57	0	1
1	CRD	11	8	0	3
2	CRD	0	0	0	0
3	CRD	10	1	0	0
1	CSS Ring Header	29	7	0	3
2	CSS Ring Header	0	0	0	0
3	CSS Ring Header	32	32	5	0
1	DW and Torus Purge Piping	31	0	0	5
2	DW and Torus Purge Piping	0	0	0	0
3	DW and Torus Purge Piping	0	0	0	0

PIPE SUPPORT INSPECTION

C2

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Drywell Spray Header	12	0	0	0
2	Drywell Spray Header	0	0	0	0
3	Drywell Spray Header	2	0	0	0
1	Torus Spray Header	1	1	0	0
2	Torus Spray Header	0	0	0	0
3	Torus Spray Header	1	1	0	0
1	Drywell Control Air	4	2	0	0
2	Drywell Control Air	0	0	0	0
3	Drywell Control Air	4	0	0	0
1	EECW	269	61	2	13
2	EECW	18	10	0	2
3	EECW	101	38	1	2

PIPE SUPPORT INSPECTION

C3

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Feedwater	28	9	0	0
2	Feedwater	0	0	0	0
3	Feedwater	36	7	0	8
1	FPC	134	48	0	9
2	FPC	0	0	0	0
3	FPC	107	60	1	1
1	HPCI	88	58	2	24
2	HPCI	1	0	0	0
3	HPCI	82	27	2	3
1	Main Steam	85	8	0	0
2	Main Steam	0	0	0	0
3	Main Steam	90	32	0	1

## PIPE SUPPORT INSPECTION

C4

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Torus Ring Header	23	4	0	0
2	Torus Ring Header	3	0	0	0
3	Torus Ring Header	0	0	0	0
1	RBCCW	176	153	2	77
2	RBCCW	49	44	0	1
3	RBCCW	74	41	0	9
1	RCIC	57	38	1	11
2	RCIC	52	26	0	1
3	RCIC	56	26	0	5
1	RCW	5	5	0	2
2	RCW	2	2	0	2
3	RCW	1	1	0	1

PIPE SUPPORT INSPECTION

C5

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Recirculation	47	3	0	0
2	Recirculation	0	0	0	0
3	Recirculation	53	7	0	0
1	RHR	296	219	4	63
2	RHR	30	4	1	1
3	RHR	158	20	0	12
1	RHRSW	50	36	6	17
2	RHRSW	7	3	2	3
3	RHRSW	14	8	0	0
1	RWCU	15	4	0	1
2	RWCU	0	0	0	0
3	RWCU	13	4	0	1



PIPE SUPPORT INSPECTION

C6

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Radwaste Sump Pump Discharge	65	12	1	8
2	Radwaste Sump Pump Discharge	67	10	1	0
3	Radwaste Sump Pump Discharge	66	60	0	1
1	RX Drain and Vent	17	11	1	0
2	RX Drain and Vent	0	0	0	0
3	RX Drain and Vent	7	1	0	0
1	SGT	24	5	0	12
2	SGT	19	6	0	0
3	SGT	15	5	0	0
1	SLC	60	18	0	0
2	SLC	16	2	0	1
3	SLC	56	14	0	0

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Core Spray	15	0	0	0
2	Core Spray		0	0	0
3	Core Spray	2	1	0	1
1	CRD	1	0	0	0
2	CRD	0	0	0	0
3	CRD	1	0	0	0
1	CSS Ring Header	0	0	0	0
2	CSS Ring Header	0	0	0	0
3	CSS Ring Header	1	0	0	0
1	DW and Torus Purge Piping	3	0	0	0
2	DW and Torus Purge Piping	0	0	0	0
3	DW and Torus Purge Piping	0	0	0	0

## FLOOR AND WALL PENETRATION, INSPECTION

D2

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Drywell Spray Header	0	0	0	0
2	Drywell Spray Header	0	0	0	0
3	Drywell Spray Header	0	0	0	0
1	Torus Spray Header	0	0	0	0
2	Torus Spray Header	0	0	0	0
3	Torus Spray Header	0	0	0	0
1	Drywell Control Air	1	0	0	0
2	Drywell Control Air	0	0	0	0
3	Drywell Control Air	1	0	0	0
1	EECW	17	0	0	0
2	EECW	0	0	0	0
3	EECW	3	0	0	0

## FLOOR AND WALL PENETRATION INSPECTION

D3

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Feedwater	0	0	0	0
2	Feedwater	0	0	0	0
3	Feedwater	2	0	0	2
1	FPC	0	0	0	0
2	FPC	0	0	0	0
3	FPC	2	2	0	0
1	HPCI	13	3	0	0
2	HPCI	0	0	0	0
3	HPCI	3	0	0	0
1	Main Steam	0	0	0	0
2	Main Steam	0	0	0	0
3	Main Steam	0	0	0	0

## FLOOR AND WALL PENETRATION INSPECTION

D4

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Torus Ring Header	0	0	0	0
2	Torus Ring Header	0	0	0	0
3	Torus Ring Header	0	0	0	0
1	RBCCW	5	0	0	0
2	RBCCW	0	0	0	0
3	RBCCW	2	1	0	0
1	RCIC	11	0	0	0
2	RCIC	11	0	0	0
3	RCIC	12	0	0	0
1	Recirculation	1	0	0	0
2	Recirculation	0	0	0	0
3	Recirculation	0	0	0	0

## FLOOR AND WALL PENETRATION INSPECTION

D5

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	RHR	7	2	0	0
2	RHR	0	0	0	0
3	RHR	0	0	0	0
1	RHRSW	3	0	0	0
2	RHRSW	0	0	0	0
3	RHRSW	0	0	0	0
1	RWCU	1	0	0	0
2	RWCU	0	0	0	0
3	RWCU	2	0	0	0
1	Radwaste Sump Pump Discharge	2	0	0	0
2	Radwaste Sump Pump Discharge	2	1	0	0
3	Radwaste Sump Pump Discharge	2	0	0	0

## FLOOR AND WALL PENETRATION. INSPECTION

D6

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	RX Drain and Vent	0	0	0	0
2	RX Drain and Vent	0	0	0	0
3	RX Drain and Vent	2	0	0	0
1	SGT	0	0	0	0
2	SGT	0	0	0	0
3	SGT	0	0	0	0
1	SLC	1	0	0	0
2	SLC	0	0	0	0
3	SLC	10	0	0	0

## VALVE INSPECTION

E1

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Core Spray	63	1	0	0
2	Core Spray	2	0	0	0
3	Core Spray	62	0	0	0
1	CRD	3	0	0	0
2	CRD	0	0	0	0
3	CRD	3	0	0	0
1	CSS Ring Header	0	0	0	0
2	CSS Ring Header	0	0	0	0
3	CSS Ring Header	0	0	0	0
1	DW and Torus Purge Piping	9	0	0	0
2	DW and Torus Purge Piping	0	0	0	0
3	DW and Torus Purge Piping	0	0	0	0



## VALVE INSPECTION

E2

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Drywell Spray Header	0	0	0	0
2	Drywell Spray Header	0	0	0	0
3	Drywell Spray Header	0	0	0	0
1	Torus Spray Header	0	0	0	0
2	Torus Spray Header	0	0	0	0
3	Torus Spray, Header	0	0	0	0
1	Drywell Control Air	5	0	0	0
2	Drywell Control Air	0	0	0	0
3	Drywell Control Air	5	3	0	0
1	EECW	106	2	2	0
2	EECW	2	1	0	0
3	EECW	27	2	0	0

## VALVE INSPECTION

E3

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Feedwater	8	0	0	0
2	Feedwater	0	0	0	0
3	Feedwater	4	0	0	0
1	FPC	40	0	0	0
2	FPC	2	0	0	0
3	FPC	41	0	0	0
1	HPCI	21	2	0	0
2	HPCI	0	0	0	0
3	HPCI	21	0	0	0
1	Main Steam	8	0	0	0
2	Main Steam	0	0	0	0
3	Main Steam	4	0	0	0

## VALVE INSPECTION

E4

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Torus Ring Header	0	0	0	0
2	Torus Ring Header	0	0	0	0
3	Torus Ring Header	0	0	0	0
1	RBCCW	61	1	0	0
2	RBCCW	20	0	0	0
3	RBCCW	43	2	0	0
1	RCIC	18	0	0	0
2	RCIC	15	1	0	0
3	RCIC	18	1	0	0
1	Recirculation	6	0	0	0
2	Recirculation	0	0	0	0
3	Recirculation	6	0	0	0

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	RHR	108	3	0	0
2	RHR	14	4	0	0
3	RHR	59	6	0	0
1	RHR SW	12	0	0	0
2	RHR SW	0	0	0	0
3	RHR SW	0	0	0	0
1	RWCU	6	0	0	0
2	RWCU	0	0	0	0
3	RWCU	6	0	0	0
1	Radwaste Sump Pump Discharge	47	0	0	0
2	Radwaste Sump Pump Discharge	42	0	0	0
3	Radwaste Sump Pump Discharge	45	5	0	0

## VALVE INSPECTION

E6

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	RX Drain and Vent	8	0	0	0
2	RX Drain and Vent	0	0	0	0
3	RX Drain and Vent	7	0	0	0
1	SGT	0	0	0	0
2	SGT	2	0	0	0
3	SGT	2	0	0	0
1	SLC	47	0	0	0
2	SLC	4	0	0	0
3	SLC	40	0	0	0