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### TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

January 5, 1981

SERVICES UNIT

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

In my letter to you dated August 31, 1979, Tennessee Valley Authority committed to an IE Bulletin 79-14 inspection program which was planned to be completed by November 25, 1980. However, considerable difficulties have resulted in delays beyond the planned schedule.

During the inspection program, it has become evident that several reinspections must be performed in order to complete a design package. Once these inspections are completed, a complete analysis must be performed to find any discrepancies that may exist. Repairs are suggested and drawings transmitted to the plant to physically repair the seismic restraints in question in a system has been completely repaired, a systematic analysis of each stem to verify seismic qualification must be performed. The above process takes time and occasionally reverification.

Therefore, enclosed are a revised inspection schedule (Enclosure 1) and the December 1980 status report (Enclosure 2). If you have any questions, please call Jim Domer at FTS 857-2014.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager

Nuclear Regulation and Safety

Subscribed and sworn to before me this 5 to day of 1981.

Notary Public

My Commission Expires 4/4/82

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Enclosures

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Enclosures

An Equal Opportunity Employer

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Subscribed and sworn to before me this 5 Th day of June 1981.

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NOTARY PUBLIC

My Commission Expires 4/4/

Enclosures

An Equal Opportunity Employer

#### ENCLOSURE 1

## Accessible Areas

Unit 1--Inspections to be completed by July 20, 1981.

Unit 2-Inspections to be completed by December 31, 1981.

Unit 3-Inspections to be completed by April 20, 1981.

## Inaccessible Areas

Unit 1-Inspections to be completed by August 1, 1981.

Unit 2-Complete.

Unit 3-Inspections to be completed by January 10, 1981.

#### ENCLOSURE 2

#### BROWNS FERRY NUCLEAR PLANT

IE BULLETIN 79-14

PROGRESS REPORT

DECEMBER 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

SYSTEM	UNIT 1 ACCESSIBLE	UNIT 1 INACCESSIBLE	UNIT 2 ACCESSIBLE	UNIT 2 INACCESSIBLE	UNIT 3 ACCESSIBLE	UNIT 3 INACCESSIBLE
Core Spray	100%	100%	0%	100%	100%	90%
CRD	100%	100%	75%	100%	100%	100%
CSS Ring Header	100%	NA	0%	NA	100%	NA .
DW & Torus Purge Piping	100%	NA .	0%	NA .	100%	NA .
Drywell Spray Header	NA	100%	NA	100%	NA	100%
Torus Spray Header	NA	100%	NA	100%	NA.	100%
Control Air	NA	100%	NA	100%	NA	100%
EECW	95%	NA	30%	NA	35%	NA
Feedwater	NA .	100%	NA	100%	NA	85%
FPC	100%	100%	0%	100%	100%	85%

SYSTEM	UNIT 1 ACCESSIBLE	UNIT 1 INACCESSIBLE	UNIT 2 ACCESSIBLE	UNIT 2 INACCESSIBLE	UNIT 3 ACCESSIBLE	UNIT 3 INACCESSIBL
HPCI	100%	100%	0%	100%	85%	99%
Main Steam	NA	100%	NA.	100%	NA	85%
Torus Ring Header	100%	NA ·	.100%	NA	100%	NA ·
RBCCW	100%	100%	30%	100%	100%	100%
RCIC	100%	100%	85%	100%	85%	99%
Recircu- lation	NA	100%	NA	100%	NA	85% -
RHR	100%	100%	15%	100%	50%	75%
RHRSW	95%	NA	5%	NA	95%	NA
RWCU	NA .	100%	NA	100%	NA	85%
Radwaste Sump Pump Discharge	100%	100%	60%	100%	100%	100%

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

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Core Spray	3	0	0	0
2	Core Spray	1	0	0	0
3	Core Spray	6	3	0	٥.
1	CRD	2	1	1	0
2	CRD	6	. 1	1	0
3:	CRD	4	2	1	0
1	CSS Ring Header	1	1	. 0	0
2	CSS Ring Header	1	1	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	1 .	1	0	0

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	1	0	0	0
3	Drywell Spray Header	1	0	0	0
1	Torus Spray Header	1	1	0	0
2	Torus Spray Header	1	0	0	0
3	Torus Spray Header	1	1	0	0
1	Drywell Control Air	1	0	. 0	0
2	Drywell Control Air	1	1	0	0
3	Drywell Control Air	3	0	0	0
1	EECW	17	14	2	0
2	EECW	0	0	0	0
3.	EECW	6	3	1	0

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

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UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Torus Ring Header	ļ	1	0	0
2	Torus Ring Header	0	0	0	0
3	Torus Ring Header	1 .	1	0	0 .
1	RBCCW	11	5	13	13
2	RBCCW	3	1	0	· 1
3	RBCCW	7	2	3	0
1	RCIC	4	3	0	0
2	RCIC	4	4	0	0
3	RCIC	4	3	0	0
1	Recirculation	1	0	0	0
2	Recirculation .	1	1	0	0
3 .	Recirculation	1	0	. 0	0

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRE
1	RHR	13	13	1	0
2	RHR	1	0	0	0
3	RHR	7	5	0	0
1	RHRSW	. 1	0	1	1
2	RHRSW	0	0	1	0
3	RHRSW	0	0	1	1
1	RWCU	2	0	0	0
2	RWCU	2	1	0	0
3	RWCU	2	1	0	0
1	Radwaste Sump Pump Discharge	2	2	10	0
2	Radwaste Sump Pump Discharge	4	4	1	0
3	Radwaste Sump Pump Discharge	1	1	1	0

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

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIREI
1	Core Spray	92	58	0	16
2	Core Spray	16	5	0	1
3	Core Spray	103	57	0	1
1	CRD	76	24	0	3
2	CRD	82	16	0	0
3	CRD	75	18	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	27	0	0	0

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	8	o	0	0
3	Drywell Spray Header	2	0	0	0
1	Torus Spray -Header	. 1	1	0	0
2	Torus Spray Header	16	16	0	0
3	Torus Spray Header	1	1	0	0
1	Drywel Control Air	4	2	0	0
2	Drywell Control Air	. 3	3	0	0
3	Drywell Control Air	20	0	0	0
1	EECW	269	61	2	13
2	EECW	18	10	0	2
3	EECW	126	60	1	2

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Feedwater	28	9 .	0	0
2	Feedwater	40	13	0	0
3	Feedwater	36	7	0	8
1	FPC	. 134	48	0	9
2	FPC .	7	0	0	0
3	FPC	107	60	1	1
1	HPCI	88	58	2	24
2	HPCI	26	24	0	0.
3	HPCI	82	27	. 2	3
1	Main Steam	85	8	0	0
2	Main Steam	109	25	0	0
3	Main Steam	90	32	0	1

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMEER REPAIRED
1	Torus Ring Header	23	4	0	9
2	Torus Ring Header	3	0	0	0
3	Torus Ring Header	30	30	0	0 .
1	RBCCW	176	153	2	77
2	RBCCW	81	76	0	1
3	RBCCW	184	158	2	14
1	RCIC	57	. 38	1	11
2	RCIC	62	34	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

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Recirculation	47	3	0	.0
2	Recirculation	39	38	1	0
3	Recirculation	53	7	0	0 ,
1	RHR	296	220	4	63
2	RHR	33	16	1	. 1
3	RHR	158	20	0	. 12
1	RHRSW	50	36	6	17
2	RHRSW	. 11	6	2	3
3	RHRSW	15	9	0	1
1	RWCU	15	4	0	1
2	RWCU .	7	7	0	1
3	RWCU	13	4	- 0	1

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	62	2	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	20	15	1	.0
3 ,	RX Drain and Vent	7	1	o	0
1	SGT	24	5	0	12
2	SGT	19	6	0	0
3	SGT .	13	5	0	0
1	SLC	60	18	0	0
2	SLC	16	2	0	1
3	SLC	77	18	0	0

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBEI REPAIRI
:	Core Spray	15	0	0	0
2	Core Spray	1	0	0	0
3	Core Spray	2	1	0	1
1	CRD	1	0	0	0
. 2	CRD	3	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

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Drywell Spray Header	ò	0	0	0
2	Drywell Spray Header	0	0	0	0
3	Drywell Spray Header	0	0	0	٥.
1	Torus Spray Header	0	. 0	0 -	O
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	. 2	0	י	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

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIREI
1	Feedwater	0	0	0	0
2	Feedwater	1	0	0	0
3	Feedwater	2	0	0	2
1	FPC	0	0	0	0
2	FPC :	3	0	0	0
3 -,,	FPC	2	2	0	0
1	HPCI	13	3	0	0
. 2	HPCI	1	0	0	0
3	HPCI	3	0	0	0
1	Main Steam	0	0	0	0
2	Main Steam	2	0	0	0
3	Main Steam	0	0	0	0

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	2	0	0	0
3 -,,	RBCCW	7	2	0	ō
1	RCIC	11	0	0	0
2	RCIC	12	0	0	0
3	RCIC	12	0	0	0
1	Recirculation	1	0	0	0 .
2	Recirculation	1	0	0	0
3	Recirculation	0	0	0	0

## FLOOR AND WALL PENETRATION INSPECTION

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	RHR	7	2	0	0
2	RHR	1	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	1	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

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVLATIONS	NUMBER REPAIRED
1	RX Drain and Vent	ò	0	0	0
2	RX Drain and Vent	0	0	0	0
3	RX Drain and Vent	2	0	0	٥.
1	SGT	0	0	0	0
2	SGT	0	0	0	0
3		0	0	0	0
1	SLC	1	0	0	0
2	SLC	0	0	0	0
3	SLC	10	0	0	0

UNIT NUMBER	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT	REPAIREL
1	Core Spray	63	1	0	0
2	Core Spray	4	0	0	0
3	Core Spray	62	0	0	0
1	CRD	5	0	0	0
2	CRD	6	0	0	0
3	CRD	. 5	O	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	o ·
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	7	0	0	0

#### VALVE INSPECTION

UNIT	SYSTE1	NUMBER INSPECTED TO DATE	NUMBER VITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Drywell Spray Header	ó	0	0	0
2	Drywell Spray Header	0	0	0	0
3	Drywell Spray Header	0 -	0	- 0	0
1	Torus Sp. ay Header	0	0	0	0
2	Torus Spray Header	0	0	. 0	0
3	Torus Spray	0	0	0	. 0
1	Drywell Control Air	5	0	. 0	0
2	Drywell Control Air	5	0	0	0
3	Drywell Control Air	5	3	0	o
1	EECW	106	4	2	o
2	EECW	2	1	С	0
3 .	EECW	41	2	, 0	0

## VALVE INSPECTION

UNIT	SYSTEM	NUMBER INSPECTED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Feedwater	8	0	0	0
2	Feedwater	6	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	5	0	0	0
3	HPCI	21	0	0	0
1	Main Steam	8	0	0	0
2	Main Steam	34	1	0	0
3	Main Steam	4	0	0	0

UNIT	SYSTEM	NUME R INSPECIED TO DATE	NUMBER WITH DEVIATIONS	SIGNIFICANT DEVIATIONS	NUMBER REPAIRED
1	Torus Ring Kowder	ó	0	0	0
2	Torus Ring Header	0	О	0	0
3	Torus Ring Header	0	0	0	0
1	RBCCW	61	1	0	0
2	RBCCW ,	23	0	0	0
3	RBCCW .	49	2	. 0	0
1	RCIC	18	0	0	0.
2	RCIC	21	1	0	0
3	RCIC	18	1	0	0
1	Recirculation	6	0	0	0
ż	Recirculation	14	0	0	. 0
3	Recirculation	6	0	0	0

E5

E6

## VALVE INSPECTION

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	9	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	39	0	0	0