

TABLE 4.2.B (Cont'd)  
SURVEILLANCE REQUIREMENTS FOR INSTRUMENTATION THAT INITIATE OR CONTROL THE CSCS

BFN  
Unit 3

3.2/4.2-45

AMENDMENT NO. 196

Function	Functional Test	Calibration	Instrument Check
Instrument Channel - RHR Pump Discharge Pressure	(1)	once/3 months	none
Instrument Channel - Core Spray Pump Discharge Pressure	(1)	once/3 months	none
Core Spray Sparger to RPV d/p	(1)	once/3 months	once/day
Trip System Bus Power Monitor	once/operating Cycle	N/A	none
Instrument Channel - Condensate Header Level (LS-73-56A, B)	(1)	once/3 months	none
Instrument Channel - Suppression Chamber High Level	(1)	once/3 months	none
Instrument Channel - Reactor High Water Level (LIS-3-208A-D)	(1)(28)	once/18 months (29)	once/day
Instrument Channel - RCIC Turbine Steam Line High Flow	(1)(28)	once/18 months (29)	none
Instrument Channel - RCIC Steam Supply Low Pressure	once/31 days	once/18 months	<del>once/day</del> NONE
Instrument Channel - RCIC Turbine Exhaust Diaphragm High Pressure	once/31 days	once/18 months	<del>once/day</del> NONE
RCIC Steam Line Space Torus Area High Temperature	(1)	once/3 months	none
RCIC Steam Line Space RCIC Pump Room Area High Temperature	(1)	once/3 months	none
HPCI Steam Line Space Torus Area High Temperature	(1)	once/3 months	none
HPCI Steam Line Space HPCI Pump Room Area High Temperature	(1)	once/3 months	none

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TABLE 4.2.B (Cont'd)  
SURVEILLANCE REQUIREMENTS FOR INSTRUMENTATION THAT INITIATE OR CONTROL THE CSCS

BPN Unit 3	Function	Functional Test	Calibration	Instrument Check	
	Instrument Channel - HPCI Turbine Steam Line High Flow	(1)(28)	once/18 months (29)	none	
	Instrument Channel - HPCI Steam Supply Low Pressure	once/31 days	once/18 months	<del>once/day</del>	NONE
	Instrument Channel - HPCI Turbine Exhaust Diaphragm High Pressure	once/31 days	once/18 months	<del>once/day</del>	NONE
	Core Spray System Logic	once/18 months	(6)	N/A	
	RCIC System (Initiating) Logic	once/18 months	N/A	N/A	
	RCIC System (Isolation) Logic	once/18 months	(6)	N/A	
	HPCI System (Initiating) Logic	once/18 months	(6)	N/A	
	HPCI System (Isolation) Logic	once/18 months	(6)	N/A	
	ADS Logic	once/18 months	(6)	N/A	
	LPCI (Initiating) Logic	once/18 months	(6)	N/A	
	LPCI (Containment Spray) Logic	once/18 months	(6)	N/A	

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AMENDMENT NO. 196

JUL 17 1995

TABLE 4.2.C  
SURVEILLANCE REQUIREMENTS FOR INSTRUMENTATION THAT INITIATE ROD BLOCKS

Function	Functional Test		Calibration (17)	Instrument Check
APRM Upscale (Flow Bias)	(1)	(13)	once/3 months	once/day (8)
APRM Upscale (Startup Mode)	(1)	(13)	once/3 months	once/day (8)
APRM Downscale	(1)	(13)	once/3 months	once/day (8)
APRM Inoperative	(1)	(13)	N/A	once/day (8)
RBM Upscale (Flow Bias)	(1)	(13)	once/6 months	once/day (8)
RBM Downscale	(1)	(13)	once/6 months	once/day (8)
RBM Inoperative	(1)	(13)	N/A	once/day (8)
IRM Upscale	(1)(2)	(13)	once/3 months	once/day (8)
IRM Downscale	(1)(2)	(13)	once/3 months	once/day (8)
IRM Detector Not in Startup Position	(2) (once operating cycle)		once/operating cycle (12)	N/A
IRM Inoperative	(1)(2)	(13)	N/A	N/A
SRM Upscale	(1)(2)	(13)	once/3 months	once/day (8)
SRM Downscale	(1)(2)	(13)	once/3 months	once/day (8)
SRM Detector Not in Startup Position	(2) (once/operating cycle)		once/operating cycle (12)	N/A
SRM Inoperative	(1)(2)	(13)	N/A	N/A
Flow Bias Comparator	(1)(15)		once/operating cycle (20)	N/A
Flow Bias Upscale	(1)(15)		once/3 months	N/A
Rod Block Logic	(16)		N/A	N/A
West Scram Discharge Tank Water Level High (LS-85-45L)	once/quarter		once/operating cycle	N/A
East Scram Discharge Tank Water Level High (LS-85-45M)	once/quarter		once/operating cycle	N/A

BFN  
Unit 3

3.2/4.2-49

AMENDMENT NO. 169

APR 30 1993

ENCLOSURE 3

TENNESSEE VALLEY AUTHORITY  
BROWNS FERRY NUCLEAR PLANT (BFN)  
UNIT 3

PROPOSED TECHNICAL SPECIFICATION (TS) CHANGE TS-368  
REVISED PAGES

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I. AFFECTED PAGE LIST

Unit 3

3.2/4.2-45  
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II. REVISED PAGES

See attached.

BN  
Unit 3

3.2/4.2-45

TABLE 4.2.B (Cont'd)  
SURVEILLANCE REQUIREMENTS FOR INSTRUMENTATION THAT INITIATE OR CONTROL THE CSCS

Function	Functional Test	Calibration	Instrument Check
Instrument Channel - RHR Pump Discharge Pressure	(1)	once/3 months	none
Instrument Channel - Core Spray Pump Discharge Pressure	(1)	once/3 months	none
Core Spray Sparger to RPV d/p	(1)	once/3 months	once/day
Trip System Bus Power Monitor	once/operating Cycle	N/A	none
Instrument Channel - Condensate Header Level (LS-73-56A, B)	(1)	once/3 months	none
Instrument Channel - Suppression Chamber High Level	(1)	once/3 months	none
Instrument Channel - Reactor High Water Level (LIS-3-208A-D)	(1)(28)	once/18 months (29)	once/day
Instrument Channel - RCIC Turbine Steam Line High Flow	(1)(28)	once/18 months (29)	none
Instrument Channel - RCIC Steam Supply Low Pressure	once/31 days	once/18 months	none
Instrument Channel - RCIC Turbine Exhaust Diaphragm High Pressure	once/31 days	once/18 months	none
RCIC Steam Line Space Torus Area High Temperature	(1)	once/3 months	none
RCIC Steam Line Space RCIC Pump Room Area High Temperature	(1)	once/3 months	none
HPCI Steam Line Space Torus Area High Temperature	(1)	once/3 months	none
HPCI Steam Line Space HPCI Pump Room Area High Temperature	(1)	once/3 months	none

TABLE 4.2.B (Cont'd)  
SURVEILLANCE REQUIREMENTS FOR INSTRUMENTATION THAT INITIATE OR CONTROL THE CSCS

BPN Unit 3	Function	Functional Test	Calibration	Instrument Check
	Instrument Channel - HPCI Turbine Steam Line High Flow	(1)(28)	once/18 months (29)	none
	Instrument Channel - HPCI Steam Supply Low Pressure	once/31 days	once/18 months	none
	Instrument Channel - HPCI Turbine Exhaust Diaphragm High Pressure	once/31 days	once/18 months	none
	Core Spray System Logic	once/18 months	(6)	N/A
	RCIC System (Initiating) Logic	once/18 months	N/A	N/A
	RCIC System (Isolation) Logic	once/18 months	(6)	N/A
	HPCI System (Initiating) Logic	once/18 months	(6)	N/A
	HPCI System (Isolation) Logic	once/18 months	(6)	N/A
	ADS Logic	once/18 months	(6)	N/A
	LPCI (Initiating) Logic	once/18 months	(6)	N/A
	LPCI (Containment Spray) Logic	once/18 months	(6)	N/A

3.2/4.2-46

TABLE 4.2.C  
SURVEILLANCE REQUIREMENTS FOR INSTRUMENTATION THAT INITIATE ROD BLOCKS

Unit 3	BPN	Function	Functional Test		Calibration (17)	Instrument Check
			(1)	(13)		
		APRM Upscale (Flow Bias)	(1)	(13)	once/3 months	once/day (8)
		APRM Upscale (Startup Mode)	(1)	(13)	once/3 months	once/day (8)
		APRM Downscale	(1)	(13)	once/3 months	once/day (8)
		APRM Inoperative	(1)	(13)	N/A	once/day (8)
		RBM Upscale (Flow Bias)	(1)	(13)	once/6 months	once/day (8)
		RBM Downscale	(1)	(13)	once/6 months	once/day (8)
		RBM Inoperative	(1)	(13)	N/A	once/day (8)
		IRM Upscale	(1)(2)	(13)	once/3 months	once/day (8)
		IRM Downscale	(1)(2)	(13)	once/3 months	once/day (8)
		IRM Detector Not in Startup Position	(2) (once operating cycle)		once/operating cycle (12)	N/A
		IRM Inoperative	(1)(2)	(13)	N/A	N/A
		SRM Upscale	(1)(2)	(13)	once/3 months	once/day (8)
		SRM Downscale	(1)(2)	(13)	once/3 months	once/day (8)
		SRM Detector Not in Startup Position	(2) (once/operating cycle)		once/operating cycle (12)	N/A
		SRM Inoperative	(1)(2)	(13)	N/A	N/A
		Flow Bias Comparator	(1)(15)		once/operating cycle (20)	N/A
		Flow Bias Upscale	(1)(15)		once/3 months	N/A
		Rod Block Logic	(16)		N/A	N/A
		West Scram Discharge Tank Water Level High (LS-85-45L)	once/quarter		once/operating cycle	N/A
		East Scram Discharge Tank Water Level High (LS-85-45M)	once/quarter		once/operating cycle	N/A

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