ENCLOSURE 1

PROPOSED TECHNICAL SPECIFICATION REVISIONS
BROWNS FERRY NUCLEAR PLANT UNIT 1
(SUPPLEMENT TO TVA BFNP TS 161)

TABLE 3.7.A (Continued)

Group	Valve Identification	Number of Power Operated Valves Inboard	Number of Power Operated Valves Outboard	Maximum Operating Time (sec.)	Normal Position	Action on Initiating Signal
3	Reactor water cleanup system supply isolation valves FCV-69-1, & 2	1	1	30	O	GC
3	Reactor water cleanup system return isolation valves FCV-69-12		1	60	O	GC
4	FCV 73-81 (Bypass around FCV 73-3)		1	10	O	GC
4	HPCIS steamline isolation valves FCV-73-2 & 3	1	1	20	O	GC
5	RCICS steamline isolation valves FCV-71-2 & 3	1	1	15	O	GC
6	Drywell nitrogen purge inlet isolation valves (FCV-76-18)		1	5	C	SC
6	Suppression chamber nitrogen purge inlet isolation valves (FCV-76-19)		1	5	C	SC
6	Drywell Main Exhaust isolation valves (FCV-64-29 and 30)		2	2.5	C	SC
6	Suppression chamber main exhaust isolation valves (FCV-64-32 and 33)		2	2.5	C	SC
6	Drywell/Suppression Chamber purge inlet (FCV-64-17)		1	2.5	C	SC
6	Drywell Atmosphere purge inlet (FCV-64-18)		1	2.5	C	SC

TABLE 3.7.A (Continued)

Group	Valve Identification	Number of Power Operated Valves Inboard	Outboard	Maximum Operating Time (Sec.)	Normal Position	Action On Initiating Signal
6	Torus Hydrogen Sample Line Valves Analyzer A (FSV-76-55, 56)	1	1	NA	Note 1	SC
6	Torus Oxygen Sample Line Valves Analyzer A (FSV-76-53, 54)	1	1	NA	Note 1	SC
6	Drywell Hydrogen Sample Line Valves Analyzer A (FSV-76-49, 50)	1	1	NA	Note 1	SC
6	Drywell Oxygen Sample Line Valves Analyzer A (FSV-76-51, 52)	1	1	NA	Note 1	SC
6	Sample Return Valves - Analyzer A (FSV-76-57, 58)	1	1	NA	0	SC
6	Torus Hydrogen Sample Line Valves Analyzer B (FSV-76-65, 66)	1	1	NA	Note 1	SC
6	Torus Oxygen Sample Line Valves-Analyzer B (FSV-76-63, 64)	1	1	NA	Note 1	SC
6	Drywell Hydrogen Sample Line Valves-Analyzer B (FSV-76-59, 60)	1	1	NA	Note 1	SC
6	Drywell Oxygen Sample Line Valves-Analyzer B (FSV-76-61, 62)	1	1	NA	Note 1	SC
6	Sample Return Valves-Analyzer B (FSV-76-67, 68)	1	1	NA	0	SC

Note 1: Analyzers are such that one is sampling drywell hydrogen and oxygen (valves from drywell open-valves from torus closed) while the other is sampling torus hydrogen and oxygen (valves from torus open - valves from drywell closed)

TABLE 3.7.D (Continued)

Valves	Valve Identification	Test Medium	Test Method
69-1	RWCU Supply	Water (2)	Applied between 69-1, 69-500 and 10-505
69-2	RWCU Supply	Water (2)	Applied between 69-2, 69-500 and 10-505
71-2	RCIC Steam Supply	Air (1)	Applied between 71-2 and 71-3
73-81	HPCI Steam Supply Bypass	Air (1)	Applied between 73-2 and 73-3
71-3	RCIC Steam Supply	Air (1)	Applied between 71-2 and 71-3
71-39	RCIC Pump Discharge	Water (2)	Applied between 3-66, 3-568, 69-579, 71-39, and 85-576
73-2	HPCI Steam Supply	Air (1)	Applied between 73-2 and 73-3
73-3	HPCI Steam Supply	Air (1)	Applied between 73-2 and 73-3
73-44	HPCI Pump Discharge	Water (2)	Applied between 3-67, 3-554, and 73-44
74-47	RHR Shutdown Suction	Water (2)	Applied between 74-47, 74-754, 74-49, and 74-661
74-48	RHR Shutdown Suction	Water (2)	Applied between 74-48, 74-661 and 74-49
74-53	RHR LPCI Discharge	Water (2)	Applied between 74-53 and 74-55
74-57	RHR Suppression Chamber Spray	Water (2)	Applied between 74-57, 74-53, and 74-59
74-58	RHR Suppression Chamber Spray	Water (2)	Applied between 74-57, 74-58, and 74-59
74-60	RHR Drywell Spray	Water (2)	Applied between 74-60, 74-61
74-61	RHR Drywell Spray	Water (2)	Applied between 74-60, 74-61
74-67	RHR LPCI Discharge	Water (2)	Applied between 74-67 and 74-69
74-71	RHR Suppression Chamber Spray	Water (2)	Applied between 74-71, 74-72, and 74-73
74-72	RHR Suppression Chamber Spray	Water (2)	Applied between 74-71, 74-72, and 74-73
74-74	RHR Drywell Spray	Water (2)	Applied between 74-74, 74-75

TABLE 3.7.D (Continued)

Valves	Valve Identification	Test Medium	Test Method
76-49	Containment Inerting	Air	Applied between inboard block valve and 76-49.
76-50	Containment Inerting	Air	Applied between inboard block valve and 76-50.
76-51	Containment Inerting	Air	Applied between inboard block valve and 76-51.
76-52	Containment Inerting	Air	Applied between inboard block valve and 76-52.
76-53	Containment Inerting	Air	Applied between inboard block valve and 76-53.
76-54	Containment Inerting	Air	Applied between inboard block valve and 76-54.
76-55	Containment Inerting	Air	Applied between inboard block valve and 76-55.
76-56	Containment Inerting	Air	Applied between inboard block valve and 76-56.
76-57	Containment Inerting	Air	Applied between inboard block valve and 76-57.
76-58	Containment Inerting	Air	Applied between inboard block valve and 76-58.
76-59	Containment Inerting	Air	Applied between inboard block valve and 76-59.
76-60	Containment Inerting	Air	Applied between inboard block valve and 76-60.
76-61	Containment Inerting	Air	Applied between inboard block valve and 76-61.
76-62	Containment Inerting	Air	Applied between inboard block valve and 76-62.
76-63	Containment Inerting	Air	Applied between inboard block valve and 76-63.
76-64	Containment Inerting	Air	Applied between inboard block valve and 76-64.
76-65	Containment Inerting	Air	Applied between inboard block valve and 76-65.
76-66	Containment Inerting	Air	Applied between inboard block valve and 76-66.
76-67	Containment Inerting	Air	Applied between inboard block valve and 76-67.
76-68	Containment Inerting	Air	Applied between inboard block valve and 76-68.

TABLE 3.7.D (Continued)

Valves	Valve Identification	Test Medium	Test Method
90-257A	Radiation Monitor Discharge	Air(1)	Applied between 90-257A and 90-257B
90-257B	Radiation Monitor Discharge	Air(1)	Applied between 90-257A and 90-257B
84-8A	Containment Atmospheric Dilution	Air	Applied between 84-8A and 84-600
84-8B	Containment Atmospheric Dilution	Air	Applied between 84-8B and 84-601
84-8C	Containment Atmospheric Dilution	Air	Applied between 84-8C and 84-603
84-8D	Containment Atmospheric Dilution	Air	Applied between 84-8D and 84-602
84-19	Containment Atmospheric Dilution	Air	Applied between 64-32, 64-33, 64-29, 64-30, and 84-19

(1) Air/nitrogen test to be displacement flow.
(2) Water test to be injection loss or downstream collection.

Valves	Valve Identification	Test Medium	Test Method
84-20	Main Exhaust to Standby Gas Treatment	Air(1)	Applied between 84-20, 64-141, 64-140, and 64-31
84-600	Main Exhaust to Standby Gas Treatment	Nitrogen(1)	Applied between 84-8A and 84-600
84-601	Main Exhaust to Standby Gas Treatment	Nitrogen	Applied between 84-8B and 84-601
84-602	Main Exhaust to Standby Gas Treatment	Nitrogen	Applied between 84-8C and 84-603
84-603	Main Exhaust to Standby Gas Treatment	Nitrogen	Applied between 84-8D and 84-602
64-141	Drywell Pressurization, Comp. Bypass	Air (1)	Applied between 64-141, 64-140, 64-30, and 84-20
64-140	Drywell Pressurization, Comp. Disc.	Air(1)	Applied between 64-141, 64-140, 64-31, and 84-20
64-139	Drywell Pressurization, Comp. Suction	Air(1)	Applied between 64-139, 64-141, and 64-34

1) Air/nitrogen test to be displacement flow
(2) Water test to be injection loss or downstream collection.

ENCLOSURE 2

DESCRIPTION AND JUSTIFICATION FOR CHANGES

Page No.	DESCRIPTION/JUSTIFICATION OF CHANGE
251 and 260 (Page 251 to replace that in TS 161)	During the unit 1 reload 4 refueling outage now in progress FCV 73-81 (System 73-High Pressure Coolant Injection System), a bypass valve around the HPCI steam supply outboard isolation valve (FCV 73-3), will be added to the system. During quarterly surveillance testing on HPCI isolation valve FCV 73-3 in which the valve is closed and reopened, the steamline downstream from FCV 73-3 is subjected to thermal stresses from the closure and subsequent reopening. Addition of FCV 73-81 will relieve those stresses. This is a one-inch valve. It is an isolation group 4 valve with a maximum closing time of 10 seconds.
251A and 261A	During the unit 1 refueling outage now in progress the new Hays-Republic Hydrogen-Oxygen (H_2-O_2) Analyzer System is being installed in. (This system's design has been reviewed and approved previously for units 2 and 3.) All System 76 valves (Containment Inerting System) added to Table 3.7.A and 3.7.D are being installed in the plant as part of the H_2-O_2 Systems. This change is needed to keep the technical specifications consistent with plant configuration.
262	Deletion of System 76 valves (Containment Inerting System) from Table 3.7.D. These valves were removed from service as part of the replacement of the old hydrogen-oxygen analyzer system with the new Hays-Republic H_2-O_2 System. This change updates Table 3.7.D to make it consistent with plant configuration.