

ENCLOSURE 1 TO NLS-85-044

PROPOSED TECHNICAL SPECIFICATION PAGES

BRUNSWICK-1

RADIOACTIVE LIQUID EFFLUENT MONITORING

(85TSB05)

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(1115NLU/ccc)

SUMMARY LIST OF REVISIONS

<u>PAGE NO.</u>	<u>DESCRIPTION</u>
3/4 3-63	Item 3.3.5.8-1.7 - Delete Service Water Effluent from Augmented Off-Gas Precooler Radioactivity Monitor from Table 3.3.5.8-1 Item 3.3.5.8-1.8 - Renumber Item 3.3.5.8-1.8.a, b, c, d, and e - Change Applicability from **** to ***
3/4 3-65	Note *** - Delete This Item Note **** - Renamed ***
3/4 3-66	Item 4.3.5.8-1.7 - Delete Service Water Effluent from Augmented Off-Gas Precooler Radioactivity Monitor from Table 4.3.5.8-1 Item 4.3.5.8-1.8 - Renumber

TABLE 3.3.5.8-1

RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION

<u>INSTRUMENT^(a)</u>	<u>APPLICABILITY</u>	<u>ACTION</u>
1. Liquid Radwaste Radioactivity Effluent Monitor (Providing alarm and automatic termination of release)	*	110
2. Liquid Radwaste Effluent Flow Measurement Device	*	111
3. Main Service Water Effluent Radioactivity Monitor	*	112
4. Stabilization Pond Effluent Composite Sampler	**	113
5. Stabilization Pond Effluent Flow Measurement Device	**	114
6. Condensate Storage Tank Level Indicating Device	*	115
7. Reactor Building Component Cooling Water (Service Water) Radioactivity Monitors		
a. Effluent from Residual Heat Removal Heat Exchanger A	***	112
b. Effluent from Residual Heat Removal Heat Exchanger B	***	112
c. Effluent from Reactor Building Closed Cooling Water Heat Exchangers	***	112
d. Effluent from Division I Residual Heat Removal Pump Seal Coolers	***	112
e. Effluent from Division II Residual Heat Removal Pump Seal Coolers	***	112

TABLE 3.3.5.8-1 (Continued)RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATIONNOTES

- * At all times
- ** At all times other than when the line is valved out and locked. [This equipment is to be installed. Prior to installation, appropriate action statements 113 or 114 will be implemented.]
- *** At all times once these monitors are installed and become fully operational. [NOTE: These monitors are to be installed pending completion of future plant modifications.]
- (a) Refer to Appendix E of the OFFSITE DOSE CALCULATION MANUAL for specific instrumentation identification numbers.

TABLE 4.3.5.8-1

RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION SURVEILLANCE REQUIREMENTS

<u>INSTRUMENT</u> ^(a)	<u>CHANNEL CHECK</u>	<u>SOURCE CHECK</u>	<u>CHANNEL CALIBRATION</u>	<u>CHANNEL FUNCTIONAL TEST</u>
1. Liquid Radwaste Radioactivity Effluent Monitor (Providing alarm and automatic termination of release)	D	M	R ^(b)	Q ^(c)
2. Liquid Radwaste Effluent Flow Measurement Device	D ^(e)	NA	R	Q
3. Main Service Water Effluent Radioactivity Monitor	D	M	R ^(b)	Q ^(d)
4. Stabilization Pond Effluent Composite Sampler	D	NA	R	Q
5. Stabilization Pond Effluent Flow Measurement Device	D	NA	R	Q
6. Condensate Storage Tank Level Indicating Device	D ^(f)	NA	R	Q
7. Reactor Building Component Cooling Water (Service Water) Radioactivity Monitors				
a. Effluent from Residual Heat Removal Heat Exchanger A	D	M	R ^(b)	Q ^(d)
b. Effluent from Residual Heat Removal Heat Exchanger B	D	M	R ^(b)	Q ^(d)
c. Effluent from Reactor Building Closed Cooling Water Heat Exchangers	D	M	R ^(b)	Q ^(d)
d. Effluent from Division I Residual Heat Removal Pump Seal Coolers	D	M	R ^(b)	Q ^(d)
e. Effluent from Division II Residual Heat Removal Pump Seal Coolers	D	M	R ^(b)	Q ^(d)

ENCLOSURE 2 TO NLS-85-044

PROPOSED TECHNICAL SPECIFICATION PAGES

BRUNSWICK-2

RADIOACTIVE LIQUID EFFLUENT MONITORING

(85TSB05)

SUMMARY LIST OF REVISIONS

<u>PAGE NO.</u>	<u>DESCRIPTION</u>
3/4 3-63	Item 3.3.5.8-1.7 - Delete Service Water Effluent from Augmented Off-Gas Precooler Radioactivity Monitor from Table 3.3.5.8-1
	Item 3.3.5.8-1.8 - Renumber
	Item 3.3.5.8-1.8.a, b, c, d, and e - Change Applicability from **** to ***
3/4 3-65	Note *** - Delete This Item
	Note **** - Renamed ***
3/4 3-66	Item 4.3.5.8-1.7 - Delete Service Water Effluent from Augmented Off-Gas Precooler Radioactivity Monitor from Table 4.3.5.8-1
	Item 4.3.5.8-1.8 - Renumber

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<u>INSTRUMENT</u> ^(a)	<u>APPLICABILITY</u>	<u>ACTION</u>
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2. Liquid Radwaste Effluent Flow Measurement Device	*	111
3. Main Service Water Effluent Radioactivity Monitor	*	112
4. Stabilization Pond Effluent Composite Sampler	**	113
5. Stabilization Pond Effluent Flow Measurement Device	**	114
6. Condensate Storage Tank Level Indicating Device	*	115
7. Reactor Building Component Cooling Water (Service Water) Radioactivity Monitors		
a. Effluent from Residual Heat Removal Heat Exchanger A	***	112
b. Effluent from Residual Heat Removal Heat Exchanger B	***	112
c. Effluent from Reactor Building Closed Cooling Water Heat Exchangers	***	112
d. Effluent from Division I Residual Heat Removal Pump Seal Coolers	***	112
e. Effluent from Division II Residual Heat Removal Pump Seal Coolers	***	112

TABLE 3.3.5.8-1 (Continued)

RADIOACTIVE LIQUID EFFLUENT MONITORING INSTRUMENTATION

NOTES

- * At all times
- ** At all times other than when the line is valved out and locked. [This equipment is to be installed. Prior to installation, appropriate action statements 113 or 114 will be implemented.]
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4. Stabilization Pond Effluent Composite Sampler	D	NA	R	Q
5. Stabilization Pond Effluent Flow Measurement Device	D	NA	R	Q
6. Condensate Storage Tank Level Indicating Device	D ^(f)	NA	R	Q
7. Reactor Building Component Cooling Water (Service Water) Radioactivity Monitors				
a. Effluent from Residual Heat Removal Heat Exchanger A	D	M	R ^(b)	Q ^(d)
b. Effluent from Residual Heat Removal Heat Exchanger B	D	M	R ^(b)	Q ^(d)
c. Effluent from Reactor Building Closed Cooling Water Heat Exchangers	D	M	R ^(b)	Q ^(d)
d. Effluent from Division I Residual Heat Removal Pump Seal Coolers	D	M	R ^(b)	Q ^(d)
e. Effluent from Division II Residual Heat Removal Pump Seal Coolers	D	M	R ^(b)	Q ^(d)