

Attachment B

Revised Technical Specification Pages

3/4.2-20

3/4.2-35

PNPS
TABLE 3.2.C.1 (Cont)

INSTRUMENTATION THAT INITIATES ROD BLOCKS

<u>Trip Function</u>	<u>Operable Instrument Channels per Trip Function</u>		<u>Required Operational Conditions</u>	<u>Notes</u>
	<u>Minimum</u>	<u>Available</u>		
SRM Detector not in Startup Position	3	4	Startup/Refuel, except trip is bypassed when SRM count rate is ≥ 100 counts/second or IRMs on Range 3 or above	(1) (4)
SRM Downscale	3	4	Startup/Refuel, except trip is bypassed when IRMs on Range 3 or above	(1) (4)
SRM Upscale	3	4	Startup/Refuel, except trip is by- passed when the IRM range switches are on Range 8 or above (4)	(1)
SRM Inoperative	3	4	Startup/Refuel, except trip is by- passed when the IRM range switches are on Range 8 or above (4)	(1)
Scram Discharge Instrument Volume Water Level - High	2	2	Run/Startup/Refuel	(3)
Scram Discharge Instrument Volume-Scram Trip Bypassed	1	1	Refuel/Shutdown	(3)

PNPS

TABLE 4.2.C

MINIMUM TEST AND CALIBRATION FREQUENCY FOR CONTROL ROD BLOCKS ACTUATION

<u>Instrument Channel</u>	<u>Instrument Functional Test</u>	<u>Calibration</u>	<u>Instrument Check</u>
APRM - Downscale	Once/3 Months	Once/3 Months	Once/Day
APRM - Upscale	Once/3 Months	Once/3 Months	Once/Day
APRM - Inoperative	Once/3 Months	Not Applicable	Once/Day
IRM - Upscale	(2) (3)	Startup or Control Shutdown	(2)
IRM - Downscale	(2) (3)	Startup or Control Shutdown	(2)
IRM - Inoperative	(2) (3)	Not Applicable	(2)
RRM - Upscale	Once/3 Months	Once/6 Months	Once/Day
RRM - Downscale	Once/3 Months	Once/6 Months	Once/Day
RRM - Inoperative	Once/3 Months	Not Applicable	Once/Day
SRM - Upscale	(2) (3)	Startup or Control Shutdown	(2)
SRM - Inoperative	(2) (3)	Not Applicable	(2)
SRM - Detector Not in Startup Position	(2) (3)	Not Applicable	(2)
SRM - Downscale	(2) (3)	Startup or Control Shutdown	(2)
IRM - Detector Not in Startup Position	(2) (3)	Not Applicable	(2)
Scram Discharge Instrument Volume	Once/3 Months	Refuel	Not Applicable
Water Level-High			
Scram Discharge Instrument	Once/Operating Cycle	Not Applicable	Not Applicable
Volume-Scram Trip Bypassed			
Recirculation Flow Converter	Not Applicable	Once/Operating Cycle	Once/Day
Recirculation Flow Converter-Upscale	Once/3 Months	Once/3 Months	Once/Day
Recirculation Flow Converter-Inoperative	Once/3 Months	Not Applicable	Once/Day
Recirculation Flow Converter-Comparator	Once/3 Months	Once/3 Months	Once/Day
Off Limits			
Recirculation Flow Process Instruments	Not Applicable	Once/Operating Cycle	Once/Day
Logic System Functional Test (4) (6)			
System Logic Check	Once/Operating Cycle		

Attachment C

Revised Technical Specification Pages

3/4.2-20

3/4.2-35

* PNPS
TABLE 3.2.C.1 (Cont)

INSTRUMENTATION THAT INITIATES ROD BLOCKS

<u>Trip Function</u>	<u>Operable Instrument Channels per Trip Function</u>		<u>Required Operational Conditions</u>	<u>Notes</u>
	<u>Minimum</u>	<u>Available</u>		
SRM Detector not in Startup Position	3	4	Startup/Refuel, except trip is by passed when SRM count rate is ≥ 100 counts/second or IRMs on Range 3 or above	(1) (4)
SRM Downscale	3	4	Startup/Refuel, except trip is bypassed when IRMs on Range 3 or above	(1) (4)
SRM Upscale	3	4	Startup/Refuel, except trip is by- passed when the IRM range switches are on Range 8 or above (4)	(1)
SRM Inoperative	3	4	Startup/Refuel, except trip is by- passed when the IRM range switches are on Range 8 or above (4)	(1)
Scram Discharge Instrument Volume Water Level - High	2	2	Run/Startup/Refuel	(3)
Scram Discharge Instrument Volume-Scram Trip Bypassed	1	1	Run/Startup/Refuel/ Shutdown <i>shutdown</i>	(3)

PNPS
TABLE 4.2.C

MINIMUM TEST AND CALIERATION FREQUENCY FOR CONTROL ROD BLOCKS ACTUATION

<u>Instrument Channel</u>	<u>Instrument Functional Test</u>	<u>Calibration</u>	<u>Instrument Check</u>
APRM - Downscale	Once/3 Months	Once/3 Months	Once/Day
APRM - Upscale	Once/3 Months	Once/3 Months	Once/Day
APRM - Inoperative	Once/3 Months	Not Applicable	Once/Day
IRM - Upscale	(2) (3)	Startup or Control Shutdown	(2)
IRM - Downscale	(2) (3)	Startup or Control Shutdown	(2)
IRM - Inoperative	(2) (3)	Not Applicable	(2)
RBM - Upscale	Once/3 Months	Once/6 Months	Once/Day
RBM - Downscale	Once/3 Months	Once/6 Months	Once/Day
RBM - Inoperative	Once/3 Months	Not Applicable	Once/Day
SRM - Upscale	(2) (3)	Startup or Control Shutdown	(2)
SRM - Inoperative	(2) (3)	Not Applicable	(2)
SRM - Detector Not in Startup Position	(2) (3)	Not Applicable	(2)
SRM - Downscale	(2) (3)	Startup or Control Shutdown	(2)
IRM - Detector Not in Startup Position	(2) (3)	Not Applicable	(2)
Scram Discharge Instrument Volume	Once/3 Months	Refuel	Not Applicable
Water Level-High			
Scram Discharge Instrument	Once/3 Months	Not Applicable	Not Applicable
Volume-Scram Trip Bypassed	<i>Operating Cycle</i>		
Recirculation Flow Converter	Not Applicable	Once/Operating Cycle	Once/Day
Recirculation Flow Converter-Upscale	Once/3 Months	Once/3 Months	Once/Day
Recirculation Flow Converter-Inoperative	Once/3 Months	Not Applicable	Once/Day
Recirculation Flow Converter-Comparator	Once/3 Months	Once/3 Months	Once/Day
Off Limits			
Recirculation Flow Process Instruments	Not Applicable	Once/Operating Cycle	Once/Day
<u>Logic System Functional Test (4) (6)</u>			
System Logic Check	Once/Operating Cycle		

Revision 177

Amendment No. 65; -110; -130; -147; -151