SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.3.9.2	Perform a CHANNEL FUNCTIONAL TEST on required CRIS airborne radiation monitor channel. Verify CRIS high radiation setpoint is ≤ 4E2 cpm above normal background.	92 days
SR 3.3.9.3	----------NOTE---------- Surveillance of Actuation Logic shall include the verification of the proper operation of each initiation relay. ---------- Perform a CHANNEL FUNCTIONAL TEST on required CRIS Actuation Logic channel.	18 months
SR 3.3.9.4	Perform a CHANNEL CALIBRATION on required CRIS airborne radiation monitor channel.	18 months
SR 3.3.9.5	Perform a CHANNEL FUNCTIONAL TEST on required CRIS Manual Trip channel.	18 months

ATTACHMENT "B"

EXISTING SPECIFICATIONS
UNIT 3

SURVEILLANCE REQUIREMENTS (continued)

	SURVEILLANCE	FREQUENCY
SR 3.3.9.2	Perform a CHANNEL FUNCTIONAL TEST on required CRIS airborne radiation monitor channel. Verify CRIS high radiation setpoint is ≤ 4E2 cpm above normal background.	92 days
SR 3.3.9.3	----------NOTE---------- Surveillance of Actuation Logic shall include the verification of the proper operation of each initiation relay. ---------- Perform a CHANNEL FUNCTIONAL TEST on required CRIS Actuation Logic channel.	18 months
SR 3.3.9.4	Perform a CHANNEL CALIBRATION on required CRIS airborne radiation monitor channel.	18 months
SR 3.3.9.5	Perform a CHANNEL FUNCTIONAL TEST on required CRIS Manual Trip channel.	18 months

ATTACHMENT "C"

PROPOSED SPECIFICATIONS
(RED LINE & STRIKEOUT)
UNIT 2

SURVEILLANCE REQUIREMENTS (continued)

	SURVEILLANCE	FREQUENCY
SR 3.3.9.2	Perform a CHANNEL FUNCTIONAL TEST on required CRIS airborne radiation monitor channel. Verify CRIS high radiation setpoint is ≤ 4E2 cpm above normal background.	92 days
SR 3.3.9.3	----------NOTE---------- Surveillance of Actuation Logic shall include the verification of the proper operation of each initiation relay. ---------- Perform a CHANNEL FUNCTIONAL TEST on required CRIS Actuation Logic channel.	18 months
SR 3.3.9.4	Perform a CHANNEL CALIBRATION on required CRIS airborne radiation monitor channel.	18 months
SR 3.3.9.5	Perform a CHANNEL FUNCTIONAL TEST on required CRIS Manual Trip channel.	18 months
SR 3.3.9.6	Verify that response time of required CRIS channel is within limits.	18 months

ATTACHMENT "D"

PROPOSED SPECIFICATIONS
(RED LINE & STRIKEOUT)
UNIT 3

SURVEILLANCE REQUIREMENTS (continued)

	SURVEILLANCE	FREQUENCY
SR 3.3.9.2	Perform a CHANNEL FUNCTIONAL TEST on required CRIS airborne radiation monitor channel. Verify CRIS high radiation setpoint is ≤ 4E2 cpm above normal background.	92 days
SR 3.3.9.3	----------NOTE---------- Surveillance of Actuation Logic shall include the verification of the proper operation of each initiation relay. ---------- Perform a CHANNEL FUNCTIONAL TEST on required CRIS Actuation Logic channel.	18 months
SR 3.3.9.4	Perform a CHANNEL CALIBRATION on required CRIS airborne radiation monitor channel.	18 months
SR 3.3.9.5	Perform a CHANNEL FUNCTIONAL TEST on required CRIS Manual Trip channel.	18 months
SR 3.3.9.6	Verify that response time of required CRIS channel is within limits.	18 months

ATTACHMENT "E"

PROPOSED SPECIFICATIONS
UNIT 2

SURVEILLANCE REQUIREMENTS (continued)

	SURVEILLANCE	FREQUENCY
SR 3.3.9.2	Perform a CHANNEL FUNCTIONAL TEST on required CRIS airborne radiation monitor channel. Verify CRIS high radiation setpoint is ≤ 4E2 cpm above normal background.	92 days
SR 3.3.9.3	----------NOTE---------- Surveillance of Actuation Logic shall include the verification of the proper operation of each initiation relay. ---------- Perform a CHANNEL FUNCTIONAL TEST on required CRIS Actuation Logic channel.	18 months
SR 3.3.9.4	Perform a CHANNEL CALIBRATION on required CRIS airborne radiation mcnitor channel.	18 months
SR 3.3.9.5	Perform a CHANNEL FUNCTIONAL TEST on required CRIS Manual Trip channel.	18 months
SR 3.3.9.6	Verify that response time of required CRIS channel is within limits.	18 months

ATTACHMENT "F"

PROPOSED SPECIFICATIONS
UNIT 3

SURVEILLANCE REQUIREMENTS (continued)

	SURVEILLANCE	FREQUENCY
SR 3.3.9.2	Perform a CHANNEL FUNCTIONAL TEST on required CRIS airborne radiation monitor channel. Verify CRIS high radiation setpoint is ≤ 4E2 cpm above normal background.	92 days
SR 3.3.9.3	----------NOTE---------- Surveillance of Actuation Logic shall include the verification of the proper operation of each initiation relay. ---------- Perform a CHANNEL FUNCTIONAL TEST on required CRIS Actuation Logic channel.	18 months
SR 3.3.9.4	Perform a CHANNEL CALIBRATION on required CRIS airborne radiation monitor channel.	18 months
SR 3.3.9.5	Perform a CHANNEL FUNCTIONAL TEST on required CRIS Manual Trip channel.	18 months
SR 3.3.9.6	Verify that response time of required CRIS channel is within limits.	18 months

ATTACHMENT "G"

PROPOSED BASES
UNIT 2

SURVEILLANCE REQUIREMENTS (continued)

SR 3.3.9.5

Every 18 months, a CHANNEL FUNCTIONAL TEST is performed on the manual CRIS actuation circuitry.

This test verifies that the trip push buttons are capable of opening contacts in the Actuation Logic as designed, de-energizing the initiation relays and providing Manual Trip of the function. The 18 month Frequency is based on the need to perform this Surveillance under the conditions that apply during a plant outage and the potential for an unplanned transient if the Surveillance were performed with the reactor at power. Operating experience has shown these components usually pass the Surveillance when performed at a Frequency of once every 18 months.

SR 3.3.9.6

This Surveillance ensures that the train actuation response times are less than or equal to the maximum times assumed in the analyses. A time limit to isolate the control room is needed to ensure compliance with 10 CFR 50 Appendix A General Design Criterion 19. The 18 month frequency is based upon plant operating experience, which shows that random failures of instrumentation components causing serious response time degradation, but not channel failure, are infrequent occurrences. The response time is tested from the module input; i.e., the radiation detector response is not measured. Testing of the final actuating devices is included in the Surveillance. Response time testing acceptance criteria are included in Reference 4.

REFERENCES

1. SONGS Units 2 and 3 UFSAR, Chapter 15.

2. PPS Selection of Trip Values Document.

3. 10 CFR 50, Appendix A, GDC 19.

4. Licensee Controlled Specification 3.3.100, "RPS/ESFAS Response Times."

ATTACHMENT "H"

PROPOSED BASES
UNIT 3

SURVEILLANCE REQUIREMENTS (continued)

SR 3.3.9.5

Every 18 months, a CHANNEL FUNCTIONAL TEST is performed on the manual CRIS actuation circuitry.

This test verifies that the trip push buttons are capable of opening contacts in the Actuation Logic as designed, de-energizing the initiation relays and providing Manual Trip of the function. The 18 month Frequency is based on the need to perform this Surveillance under the conditions that apply during a plant outage and the potential for an unplanned transient if the Surveillance were performed with the reactor at power. Operating experience has shown these components usually pass the Surveillance when performed at a Frequency of once every 18 months.

SR 3.3.9.6

This Surveillance ensures that the train actuation response times are less than or equal to the maximum times assumed in the analyses. A time limit to isolate the control room is needed to ensure compliance with 10 CFR 50 Appendix A General Design Criterion 19. The 18 month frequency is based upon plant operating experience, which shows that random failures of instrumentation components causing serious response time degradation, but not channel failure, are infrequent occurrences. The response time is tested from the module input; i.e., the radiation detector response is not measured. Testing of the final actuating devices is included in the Surveillance. Response time testing acceptance criteria are included in Reference 4.

REFERENCES

1. SONGS Units 2 and 3 UFSAR, Chapter 15.

2. PPS Selection of Trip Values Document.

3. 10 CFR 50, Appendix A, GDC 19.

4. Licensee Controlled Specification 3.3.100, "RPS/ESFAS Response Times."