

ATTACHMENT NO. 1 TO AEP:NRC:0699  
DESCRIPTION OF PROPOSED TECHNICAL SPECIFICATION CHANGES FOR  
D. C. COOK UNIT NOS. 1 AND 2

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Change No. 1

Unit 1; Page 3/4 6-17, 18, 19, and 20; Section 3/4.6.3, Table 3.6-1  
Unit 2; Page 3/4 6-18, 19, 20, 21, 22, 23, 24, and 25; Section  
3/4.6.3, Table 3.6-1

The changes in the valves listed in Table 3.6-1 are the result of two different items. First, the installation of the post accident monitoring system as required by Item No.II.F.1 of NUREG-0737 has caused the addition of three valves to the table (this applies to item Nos. 9 to 11 in section B of the table). Second, due to excessive leakage, 14 of the existing check valves in the Non-Essential Service Water System are being replaced with valves of superior closing characteristics (this applies to item Nos. 28 to 31, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66 in section B of the table). Lastly, valves ECR-416, 417, 496, 497, 535, 536 were added to this table as part of a previous submittal, AEP:NRC:0591. These additions are being resubmitted here for ease of processing. Additional revisions to the table under this change are renumbering changes only. These changes shall become effective after each unit's 1982 refueling outage.

Change No. 2

Unit 1; Page 3/4 6-21, and 22; Section 3/4.6.3 Table 3.6-1  
Unit 2; Page 3/4 6-29, 30, and 31; Section 3/4.6.3 Table 3.6-1

The revisions to Table 3.6-1 are due to the replacement of the locked closed manual valves on the demineralized water supply for the refueling cavity, with remote air operated valves. Valves QCR-919, -920 are replacing valves DW-200, 210 in Unit 1 and DW-211, -212 in Unit 2. AEPSC had committed to make this change in a letter from Mr. W. G. Smith, Jr.'s, Cook Plant Manager to Mr. J. G. Keppler of NRC Region III, dated March 11, 1982. Additional revisions to the table under this change are renumbering changes only. These changes shall become effective after each unit's 1982 refueling outage.

ATTACHMENT NO. 2 TO AEP:NRC:0699  
REVISED TECHNICAL SPECIFICATION PAGES FOR D. C. COOK UNIT NO. 1

TABLE 3.6-1 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>TESTABLE DURING PLANT OPERATION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>A. PHASE "A" ISOLATION (Continued)</u>			
27. ECR-10	Cont. H <sub>2</sub> Sample Return	Yes	10
28. ECR-11	Cont. H <sub>2</sub> Sample - Air to Rec. E	Yes	10
29. ECR-12	Cont. H <sub>2</sub> Sample - Air from Rec. E	Yes	10
30. ECR-13	Cont. H <sub>2</sub> Sample - Low. Cont. Vol.	Yes	10
31. ECR-14	Cont. H <sub>2</sub> Sample - Low. Cont. Vol.	Yes	10
32. ECR-15	Cont. H <sub>2</sub> Sample - Up Cont. Vol.	Yes	10
33. ECR-16	Cont. H <sub>2</sub> Sample - Up Cont. Vol.	Yes	10
34. ECR-17	Cont. H <sub>2</sub> Sample - Air to Rec. W	Yes	10
35. ECR-18	Cont. H <sub>2</sub> Sample - Air from Rec. W	Yes	10
36. ECR-19	Cont. H <sub>2</sub> Sample - Cont. Dome Vol.	Yes	10
37. ECR-20	Cont. H <sub>2</sub> Sample - Return	Yes	10
38. ECR-21	Cont. H <sub>2</sub> Sample - Air to Rec. E.	Yes	10
39. ECR-22	Cont. H <sub>2</sub> Sample - Air fr. Rec. E	Yes	10
40. ECR-23	Cont. H <sub>2</sub> Sample - Low Cont. Vol.	Yes	10
41. ECR-24	Cont. H <sub>2</sub> Sample - Low Cont. Vol.	Yes	10
42. ECR-25	Cont. H <sub>2</sub> Sample - Up Cont. Vol.	Yes	10
43. ECR-26	Cont. H <sub>2</sub> Sample - Up Cont. Vol.	Yes	10
44. ECR-27	Cont. H <sub>2</sub> Sample - Air to Rec. W.	Yes	10
45. ECR-28	Cont. H <sub>2</sub> Sample - Air Fr. Rec. W.	Yes	10
46. ECR-29	Cont. H <sub>2</sub> Sample - Cont. Dome Vol.	Yes	10
47. ECR-416	PAS Containment Sump Sample	Yes	10
48. ECR-417	PAS Containment Sump Sample	Yes	10
49. ECR-496	PAS Waste Liquid and Gas Return	Yes	10
50. ECR-497	PAS Waste Liquid and Gas Return	Yes	10
51. ECR-535	PAS Containment Gas Sample	Yes	10
52. ECR-536	PAS Containment Gas Sample	Yes	10
53. GCR-301	N <sub>2</sub> Supply to Pressurizer Relief Tank	Yes	10
54. GCR-314	N <sub>2</sub> Supply to Accumulators	Yes	10
55. ICR-5	Accumulators Sample	Yes	10
56. ICR-6	Accumulators Sample	Yes	10
57. MCR-251	Sample Line from Steam Gen. Outlet #1	Yes	10
58. MCR-252	Sample Line from Steam Gen. Outlet #2	Yes	10
59. MCR-253	Sample Line from Steam Gen. Outlet #3	Yes	10
60. MCR-254	Sample Line form Steam Gen. Outlet #4	Yes	10
61. NCR-105	Hot Leg Sample	Yes	10
62. NCR-106	Hot Leg Sample	Yes	10

D. C. COOK-UNIT 1

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TABLE 3.6-1 (continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>TESTABLE DURING PLANT OPERATION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>A. PHASE "A" ISOLATION (Continued)</u>			
63. NCR-107	PRZ Liquid Sample	Yes	10
64. NCR-108	PRZ Liquid Sample	Yes	10
65. NCR-109	PRZ Steam Sample	Yes	10
66. NCR-110	PRZ Steam Sample	Yes	10
67. NCR-252	Primary Water to Pressure Relief Tank	Yes	10
68. QCM-250	RCP Seal Water Discharge	No	15
69. QCM-350	RCP Seal Water Discharge	No	15
70. QCR-300	Letdown to Letdown Hx.	No	10
71. QCR-301	Letdown to Letdown Hx.	No	10
72. QCR-919	Demineralized Water Supply for Refueling Cavity	Yes	10
73. QCR-920	Demineralized Water Supply for Refueling Cavity	Yes	10
74. RCR-100	PRZ Relief Tank to Gas Anal.	Yes	10
75. RCR-101	PRZ Relief Tank to Gas Anal.	Yes	10
76. VCR-10	Glycol Supply to Fan Cooler	Yes	10
77. VCR-11	Glycol Supply to Fan Cooler	Yes	10
78. VCR-20	Glycol Supply from Fan Cooler	Yes	10
79. VCR-21	Glycol Supply from Fan Cooler	Yes	10
80. XCR-100	Control Air to Containment	No	10
81. XCR-101	Control Air to Containment Isolation	No	10
82. XCR-102	Control Air to Containment Isolation	No	10
83. XCR-103	Control Air to Containment	No	10
<u>B. PHASE "B" ISOLATION</u>			
1. CCM-451	CCW from RCP Oil Coolers	No	60
2. CCM-452	CCW from RCP Oil Coolers	No	60
3. CCM-453	CCW from RCP Thermal Barrier	No	30
4. CCM-454	CCW from RCP Thermal Barrier	No	30
5. CCM-458	CCW to RCP Oil Coolers & Thermal Barrier	No	60
6. CCM-459	CCW to RCP Oil Coolers & Thermal Barrier	No	60
7. ECR-31	Containment Airborne Radiation Monitor	No	10
8. ECR-32	Containment Airborne Radiation Monitor	No	10
9. ECR-33	Containment Airborne Radiation Monitor	No	10
10. ECR-35	Containment Airborne Radiation Monitor	No	10
11. ECR-36	Containment Airborne Radiation Monitor	No	10

TABLE 3.6-1 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>TESTABLE DURING PLANT OPERATION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>B. PHASE "B" ISOLATION (Continued)</u>			
12. WCR-901	NESW to Low Containment Vent #1	Yes	10
13. WCR-903	NESW from Low Containment Vent #1	Yes	10
14. WCR-905	NESW to Low Containment Vent #2	Yes	10
15. WCR-907	NESW from Low Containment Vent #2	Yes	10
16. WCR-909	NESW to Low Containment Vent #3	Yes	10
17. WCR-911	NESW from Low Containment Vent #3	Yes	10
18. WCR-913	NESW to Low Containment Vent #4	Yes	10
19. WCR-915	NESW from Low Containment Vent #4	Yes	10
20. WCR-921	NESW to Up Containment Vent #1	Yes	10
21. WCR-923	NESW from Up Containment Vent #1	Yes	10
22. WCR-925	NESW to Up Containment Vent #2	Yes	10
23. WCR-927	NESW from Up Containment Vent #2	Yes	10
24. WCR-929	NESW to Up Containment Vent #3	Yes	10
25. WCR-931	NESW from Up Containment Vent #3	Yes	10
26. WCR-933	NESW to Up Containment Vent #4	Yes	10
27. WCR-935	NESW from Up Containment Vent #4	Yes	10
28. WCR-941	NESW to RCP Motor Air Cooler	Yes	10
29. WCR-942	NESW to RCP Motor Air Cooler	Yes	10
30. WCR-943	NESW to RCP Motor Air Cooler	Yes	10
31. WCR-944	NESW to RCP Motor Air Cooler	Yes	10
32. WCR-945	NESW from RCP Motor Air Cooler	Yes	10
33. WCR-946	NESW from RCP Motor Air Cooler	Yes	10
34. WCR-947	NESW from RCP Motor Air Cooler	yes	10
35. WCR-948	NESW from RCP Motor Air Cooler	Yes	10
36. WCR-951	NESW to RCP Motor Air Cooler Vent #1	Yes	10
37. WCR-952	NESW to RCP Motor Air Cooler Vent #2	Yes	10
38. WCR-953	NESW to RCP Motor Air Cooler Vent #3	Yes	10
39. WCR-954	NESW to RCP Motor Air Cooler Vent #4	Yes	10
40. WCR-955	NESW from RCP Motor Air Cooler Vent #1	Yes	10
41. WCR-956	NESW from RCP Motor Air Cooler Vent #2	Yes	10
42. WCR-957	NESW from RCP Motor Air Cooler Vent #3	Yes	10
43. WCR-958	NESW from RCP Motor Air Cooler Vent #4	Yes	10

TABLE 3.6-1 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>TESTABLE DURING PLANT OPERATION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>B. PHASE "B" ISOLATION (Continued)</u>			
44. WCR-961	NESW to Instr. Rm. East Vent	Yes	10
45. WCR-963	NESW from Instr. Rm. West Vent	Yes	10
46. WCR-965	NESW to Instr. Rm. East Vent	Yes	10
47. WCR-967	NESW from Instr. Rm. West Vent	Yes	10
48. WCR-900	NESW to RCP Lower Containment Vent #1	Yes	10
49. WCR-902	NESW from Lower Containment Vent #1	Yes	10
50. WCR-904	NESW to RCP Lower Containment Vent #2	Yes	10
51. WCR-906	NESW from Lower Containment Vent #2	Yes	10
52. WCR-908	NESW to RCP Lower Containment Vent #3	Yes	10
53. WCR-910	NESW from Lower Containment Vent #3	Yes	10
54. WCR-912	NESW to RCP Lower Containment Vent #4	Yes	10
55. WCR-914	NESW from Lower Containment Vent #4	Yes	10
56. WCR-920	NESW to RCP Upper Containment Vent #1	Yes	10
57. WCR-922	NESW from Upper Containment Vent #1	Yes	10
58. WCR-924	NESW to RCP Upper Containment Vent #2	Yes	10
59. WCR-926	NESW from Upper Containment Vent #2	Yes	10
60. WCR-928	NESW to RCP Upper Containment Vent #3	Yes	10
61. WCR-930	NESW from Upper Containment Vent #3	Yes	10
62. WCR-932	NESW to RCP Upper Containment Vent #4	Yes	10
63. WCR-934	NESW from Upper Containment Vent #4	Yes	10
64. WCR-960	NESW to Instrument Room East Vent	Yes	10
65. WCR-962	NESW from Instrument Room East Vent	Yes	10
66. WCR-964	NESW to Instrument Room West Vent	Yes	10
67. WCR-966	NESW from Instrument Room West Vent	Yes	10
<u>C. CONTAINMENT PURGE AND EXHAUST</u>			
1. VCR-101	Instr. Room Purge Air Inlet	Yes	5
2. VCR-102	Instr. Room Purge Air Outlet	Yes	5
3. VCR-103	Lower Comp. Purge Air Inlet	Yes	5
4. VCR-104	Lower Comp. Purge Air Outlet	Yes	5
5. VCR-105	Upper Comp. Purge Air Inlet	Yes	5
6. VCR-106	Upper Comp. Purge Air Outlet	Yes	5
7. VCR-107	Cont. Press. Relief Fan Isolation	Yes	5
8. VCR-201	Instr. Room Purge Air Inlet	Yes	5
9. VCR-202	Instr. Room Purge Air Outlet	Yes	5
10. VCR-203	Lower Comp. Purge Air Inlet	Yes	5
11. VCR-204	Lower Comp. Purge Air Outlet	Yes	5

TABLE 3.6-1 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>TESTABLE DURING PLANT OPERATION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>C. CONTAINMENT PURGE EXHAUST (Continued)</u>			
12. VCR-205	Upper Comp. Purge Air Inlet	Yes	5
13. VCR-206	Upper Comp. Purge Air Outlet	Yes	5
14. VCR-207	Cont. Press Relief Fan Isolation	Yes	5
<u>D. MANUAL ISOLATION VALVES<sup>(1)</sup></u>			
1. ICM-111	RHR to RC Cold Legs	Yes	NA
2. ICM-129	RHR Inlet to Pumps	No	NA
3. ICM-250	Boron Injection Inlet	Yes	NA
4. ICM-251	Boron Injection Inlet	Yes	NA
5. ICM-260	Safety Injection Inlet	Yes	NA
6. ICM-265	Safety Injection Inlet	Yes	NA
7. ICM-305	RHR Suction from Sump	Yes	NA
8. ICM-306	RHR Suction from Sump	Yes	NA
9. ICM-311	RHR to RC Hot Legs	Yes	NA
10. ICM-321	RHR to RC Hot Legs	Yes	NA
11. NPX 151 VI	Dead Weight Tester	Yes	NA
12. PA 145	Containment Service Air	No	NA
13. SF-151	Refueling Water Supply	Yes	NA
14. SF-153	Refueling Water Supply	Yes	NA
15. SF-159	Refueling Cavity Drain to Purification System	Yes	NA
16. SF-160	Refueling Cavity Drain to Purification System	Yes	NA
17. SI-171	Safety Injection Test Line	Yes	NA
18. SI-172	Accumulator Test Line	Yes	NA

TABLE 3.6-1 (Continued)

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>TESTABLE DURING PLANT OPERATION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>D. MANUAL ISOLATION VALVES (1) (Continued)</u>			
19. CCR-440	CCW from Main Steam Penetration	Yes	NA
20. CCR-441	CCW from Main Steam Penetration	Yes	NA
21. MCM-221	Main Steam to Auxiliary Feed Pump	No	NA
22. MCM-231	Main Steam to Auxiliary Feed Pump	No	NA
23. CCM-430	CCW to East Pressure Equalization Fan	Yes	NA
24. CCM-431	CCW from East Pressure Equalization Fan	Yes	NA
25. CCM-432	CCW to West Pressure Equalization Fan	Yes	NA
26. CCM-433	CCW from West Pressure Equalization Fan	Yes	NA
27. SM-8*	Upper Containment Sample	Yes	NA
28. SM-10*	Upper Containment Sample	Yes	NA
29. SM-4*	Instrument Room Sample	Yes	NA
30. SM-6*	Instrument Room Sample	Yes	NA

NA - Manual Valve-Isolation time not applicable.

(1) - Includes motor operated valves which do not isolate automatically.

\* - May be opened on an intermittent basis under administrative control.

ATTACHMENT NO. 3 TO AEP:NRC:0699  
REVISED TECHNICAL SPECIFICATION PAGES FOR D. C. COOK UNIT NO. 2

TABLE 3.6-1 (Continued)  
CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
A.	<u>PHASE "A" ISOLATION (Continued)</u>	
37. ECR-20	Cont. H <sub>2</sub> Sample-Return	≤10
38. ECR-21	Cont. H <sub>2</sub> Sample - Air to Rec. E.	≤10
39. ECR-22	Cont. H <sub>2</sub> Sample - Air Fr. Rec. E.	≤10
40. ECR-23	Cont. H <sub>2</sub> Sample - Low. Cont. Vol.	≤10
41. ECR-24	Cont. H <sub>2</sub> Sample - Low. Cont. Vol.	≤10
42. ECR-25	Cont. H <sub>2</sub> Sample - Up. Cont. Vol.	≤10
43. ECR-26	Cont. H <sub>2</sub> Sample - Up. Cont. Vol.	≤10
44. ECR-27	Cont. H <sub>2</sub> Sample - Air to Rec. W.	≤10
45. ECR-28	Cont. H <sub>2</sub> Sample - Air Fr. Rec. W.	≤10
46. ECR-29	Cont. H <sub>2</sub> Sample - Cont. Dome Vol.	≤10
47. ECR-416	PAS Containment Sump Sample	≤10
48. ECR-417	PAS Containment Sump Sample	≤10
49. ECR-496	PAS Waste Liquid and Gas Return	≤10
50. ECR-497	PAS Waste Liquid and Gas Return	≤10
51. ECR-535	PAS Containment Gas Sample	≤10
52. ECR-536	PAS Containment Gas Sample	≤10
53. GCR-301	N <sub>2</sub> Supply to Pressurizer Relief Tank	≤10
54. GCR-314	N <sub>2</sub> Supply to Accumulators	≤10

TABLE 3.6-1 (Continued)  
CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
A. <u>PHASE "A" ISOLATION (Continued)</u>		
55. 1CR-5	Accumulators Sample	≤ 10
56. 1CR-6	Accumulators Sample	≤ 10
57. MCR-251#	Sample Line from Steam Gen. Outlet #1	≤ 10
58. MCR-252#	Sample Line from Steam Gen. Outlet #1	≤ 10
59. MCR-253#	Sample Line from Steam Gen. Outlet #3	≤ 10
60. MCR-254#	Sample Line from Steam Gen. Outlet #4	≤ 10
61. NCR-105	Hot Leg Sample	≤ 10
62. NCR-106	Hot Leg Sample	≤ 10
63. NCR-107	PRZ Liquid Sample	≤ 10
64. NCR-108	PRZ Liquid Sample	≤ 10
65. NCR-109	PRZ Steam Sample	≤ 10
66. NCR-110	PRZ Steam Sample	≤ 10

TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>A. PHASE "A" ISOLATION (Continued)</u>		
67. NCR-252	Primary Water to Pressurizer Relief Tank	≤10
68. QCM-250	RCP Seal Water Discharge	≤15
69. QCM-350	RCP Seal Water Discharge	≤15
70. QCR-300	Letdown to Letdown Hx.	≤10
71. QCR-301	Letdown to Letdown Hx.	≤10
72. QCR-919	Demin Wtr. Supply for Refueling Cavity	≤10
73. QCR-920	Demin Wtr. Supply for Refueling Cavity	≤10
74. RCR-100	PRZ Relief Tank to Gas Anal.	≤10
75. RCR-101	PRZ Relief Tank to Gas Anal.	≤10
76. VCR-10	Glycol Supply to Fan Cooler	≤10
77. VCR-11	Glycol Supply to Fan Cooler	≤10
78. VCR-20	Glycol Supply from Fan Cooler	≤10
79. VCR-21	Glycol Supply from Fan Cooler	≤10
80. XCR-100	Control Air to Containment	≤10
81. XCR-101	Control Air to Containment Isolation	≤10

D. C. COOK-UNIT 2

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TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>A. PHASE "A" ISOLATION (Continued)</u>		
82. XCR-102	Control Air to Containment Isolation	$\leq 10$
83. XCR-103	Control Air to Containment	$\leq 10$
<u>B. PHASE "B" ISOLATION</u>		
1. CCM-451	CCW from RCP Oil Coolers	$\leq 60$
2. CCM-452	CCW from RCP Oil Coolers	$\leq 60$
3. CCM-453	CCW from RCP Thermal Barrier	$\leq 30$
4. CCM-454	CCW from RCP Thermal Barrier	$\leq 30$
5. CCM-458	CCW to RCP Oil Coolers & Thermal Barrier	$\leq 60$
6. CCM-459	CCW to RCP Oil Coolers & Thermal Barrier	$\leq 60$
7. ECR-31	Containment Airborne Rad Monitor	$\leq 10$
8. ECR-32	Containment Airborne Rad Monitor	$\leq 10$
9. ECR-33	Containment Airborne Rad Monitor	$\leq 10$
10. ECR-35	Containment Airborne Rad Monitor	$\leq 10$
11. ECR-36	Containment Airborne Rad Monitor	$\leq 10$

TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>B. PHASE "B" ISOLATION (Continued)</u>		
12. WCR-901	NESW to Low. Containment Vent #1	≤10
13. WCR-903	NESW from Low. Containment Vent #1	≤10
14. WCR-905	NESW to Low. Containment Vent #2	≤10
15. WCR-907	NESW from Low. Containment Vent #2	≤10
16. WCR-909	NESW to Low. Containment Vent #3	≤10
17. WCR-911	NESW from Low. Containment Vent #3	≤10
18. WCR-913	NESW to Low. Containment Vent #4	≤10
19. WCR-915	NESW from Low Containment Vent #4	≤10
20. WCR-921	NESW to Up. Containment Vent #1	≤10
21. WCR-923	NESW from Up. Containment Vent #1	≤10
22. WCR-925	NESW to Up. to Containment Vent #2	≤10
23. WCR-927	NESW from Up. Containment Vent #2	≤10

TABLE 3.6-1 (Continued)CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>B. PHASE "B" ISOLATION (Continued)</u>		
24. WCR-929	NESW to Up. Containment Vent #3	≤10
25. WCR-931	NESW from Up. Containment Vent #3	≤10
26. WCR-933	NESW to Up. Containment Vent #4	≤10
27. WCR-935	NESW from Up. Containment Vent #4	≤10
28. WCR-941	NESW to RCP Motor Air Cooler	≤10
29. WCR-942	NESW to RCP Motor Air Cooler	≤10
30. WCR-943	NESW to RCP Motor Air Cooler	≤10
31. WCR-944	NESW to RCP Motor Air Cooler	≤10
32. WCR-945	NESW from RCP Motor Air Cooler	≤10
33. WCR-946	NESW from RCP Motor Air Cooler	≤10
34. WCR-947	NESW from RCP Motor Air Cooler	≤10
35. WCR-948	NESW from RCP Motor Air Cooler	≤10
36. WCR-951	NESW to RCP Motor Air Cooler Vent #1	≤10
37. WCR-952	NESW to RCP Motor Air Cooler Vent #2	≤10
38. WCR-953	NESW to RCP Motor Air Cooler Vent #3	≤10
39. WCR-954	NESW to RCP Motor Air Cooler Vent #4	≤10

TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>B. PHASE "B" ISOLATION (Continued)</u>		
40. WCR-955	NESW from RCP Motor Air Cooler Vent #1	≤10
41. WCR-956	NESW from RCP Motor Air Cooler Vent #2	≤10
42. WCR-957	NESW from RCP Motor Air Cooler Vent #3	≤10
43. WCR-958	NESW from RCP Motor Air Cooler Vent #4	≤10
44. WCR-961	NESW to Instr. Rm. East Vent	≤10
45. WCR-963	NESW from Instr. Rm. West Vent	≤10
46. WCR-965	NESW to Instr. Rm. East Vent	≤10
47. WCR-967	NESW from Instr. Rm. West Vent	≤10
48. WCR-900	NESW to RCP Lower Containment Vent #1	≤10
49. WCR-902	NESW from Lower Containment Vent #1	≤10
50. WCR-904	NESW to RCP Lower Containment Vent #2	≤10
51. WCR-906	NESW from Lower Containment Vent #2	≤10
52. WCR-908	NESW to RCP Lower Containment Vent #3	≤10
53. WCR-910	NESW from Lower Containment Vent #3	≤10
54. WCR-912	NESW to RCP Lower Containment Vent #4	≤10
55. WCR-914	NESW from Lower Containment Vent #4	≤10

TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECOND</u>
<u>B. PHASE "B" ISOLATION (Continued)</u>		
56. WCR-920	NESW to RCP Upper Containment Vent #1	≤10
57. WCR-922	NESW from Upper Containment Vent #1	≤10
58. WCR-924	NESW to RCP Upper Containment Vent #2	≤10
59. WCR-926	NESW from Upper Containment Vent #2	≤10
60. WCR-928	NESW to RCP Upper Containment Vent #3	≤10
61. WCR-930	NESW from Upper Containment Vent #3	≤10
62. WCR-932	NESW to RCP Upper Containment Vent #4	≤10
63. WCR-934	NESW from Upper Containment Vent #4	≤10
64. WCR-960	NESW to Instrument Room East Vent	≤10
65. WCR-962	NESW from Instrument Room East Vent	≤10
66. WCR-964	NESW to Instrument Room West Vent	≤10
67. WCR-966	NESW from Instrument Room West Vent	≤10
<u>C. CONTAINMENT PURGE AND EXHAUST</u>		
1. VCR-101	Instr. Room Purge Air Inlet	≤5
2. VCR-102	Instr. Room Purge Air Outlet	≤5
3. VCR-103	Lower Comp. Purge Air Inlet	≤5
4. VCR-104	Lower Comp. Purge Air Outlet	≤5
5. VCR-105	Upper Comp. Purge Air Inlet	≤5

TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>E. OTHER (Continued)</u>		
18. PA-243	Service Air to Containment	NA
19. NPX-151 VI	Dead Weight Calibrator	NA
20. N-160	N <sub>2</sub> to R. C. Drain Tank	NA
21. SM-1	Air Particle/Radio Gas Detect Return	NA
22. N-102	N <sub>2</sub> To Accumulators	NA
23. SI-171	Safety Injection Test Line	NA
24. SI-172	Safety Injection Test Line	NA
25. SI-194	Safety Injection Test Line	NA
26. PW-275	Primary Wtr. to Pre. Relief Tank	NA
27. CS-321	R.C.S. Charging	NA

D. C. COOK-UNIT 2

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TABLE 3.6-1 (Continued)

CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>E. OTHER (Continued)</u>		
28. SF-152	Refueling Wtr. to Refuel. Cavity	NA
29. SF-154	Refueling Wtr. to Refuel. Cavity	NA
30. SF-159	Refueling Cavity Drain	NA
31. SF-160	Refueling Cavity Drain	NA
32. NSW-417-3	NESW to Instr. Rm. Vent 'W'	NA
33. NSW-417-4	NESW to Instr. Rm. Vent 'E'	NA
34. N-159	N <sub>2</sub> to Prz. Relief Tank	NA
35. CCW-135	CCW to Reactor Supports	NA
36. CA-181-N	Weld Channel Supply Air	NA
37. CA-181-S	Weld Channel Supply Air	NA
38. SM-8	Upper Cont. Grab Sample	NA
39. SM-10	Upper Cont. Grab Sample	NA

TABLE 3.6-1 (Continued)CONTAINMENT ISOLATION VALVES

<u>VALVE NUMBER</u>	<u>FUNCTION</u>	<u>ISOLATION TIME IN SECONDS</u>
<u>E. OTHER (Continued)</u>		
40. PPP-300	Instrument Penetration	NA
41. PPP-301	Instrument Penetration	NA
42. PPP-302	Instrument Penetration	NA
43. PPP-303	Instrument Penetration	NA
44. PPA-310 and PPA-311	Instrument Penetration	NA
45. PPA-312 and PPA-313	Instrument Penetration	NA
46. Blind Flange	Fuel Transfer Penetration	NA
47. Blind Flange	Service Air to Containment	NA
48. Blind Flange	Ice Condenser Ice Supply	NA
49. Blind Flange	Ice Condenser Ice Return	NA
50. Blind Flange	In-Core Flux Thimble Access	NA

