

	INDIANA AND MICHIGAN POWER D. C. COOK NUCLEAR PLANT UPDATED FINAL SAFETY ANALYSIS REPORT	Revision: 16.2
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PROCESS CONTROL BLOCK DIAGRAM DRAWING INDEX

Item #	Function		Drawing #	Drawing Title
1	Index			
2	Reactor Coolant Flow	Protection Set I	99010	Reactor Coolant Flow Loops 1,2,3,4
3	Reactor Coolant Flow	Protection Set II	99010	Reactor Coolant Flow Loops 1,2,3,4
4	Reactor Coolant Flow	Protection Set III	99010	Reactor Coolant Flow Loops 1,2,3,4
5	Wide-Range Reactor Coolant Temp. (Hot Leg)	Control	99029	Wide Range Reactor Coolant Temp & Press
6	Wide-Range Reactor Coolant Temp. (Cold Leg)	Control	99029	Wide Range Reactor Coolant Temp & Press
7	Loop 1 ΔT /AVG	Protection Set I	99001	Reactor Coolant Delta T Protection Channel 1
8	Loop 2 ΔT /AVG	Protection Set II	99002	Reactor Coolant Delta T Protection Channel 2
9	Loop 3 ΔT /AVG	Protection Set III	99003	Reactor Coolant Delta T Protection Channel 3
10	Loop 4 ΔT /AVG	Protection Set IV	99004	Reactor Coolant Delta T Protection Channel 4
11	Pressurizer Levels	Protection Set I, II, III	99031	Pressurizer, RWST, & Condensate Storage Tank Levels
12	Pressurizer Pressure	Protection Set I Thru IV	99022	Pressurizer Pressure CH 1,2, & 3
13	Pressurizer Pressure	Protection Set I Thru IV	99034	Stm Gen Hdr Press Ch 3,4 Pressurizer Pressure Ch 4& Lower Containment Press Channel 4
14	Steam Generators 1 & 2 Mismatch	Protection Set I	99012	Steam Generator 1 & 2 Mismatch Channel 1
15	Steam Generators 3 & 4 Mismatch	Protection Set I	99014	Steam Generators 3 & 4 Mismatch Channel 1
16	Steam Generators 1 & 3 Mismatch	Protection Set II	99015	Steam Generators 1 & 3 Mismatch Channel 2
17	Steam Generators 2 & 4 Mismatch	Protection Set II	99013	Steam Generator 2 & 4 Mismatch Channel 2
18	Steam Generator Levels	Protection Set I, II	99032	Steam Generator Level Channel 1 & 2
19	Turbine Impulse Chamber Pressure	Protection Set I, II	99033	Upper & Lower Containment Ch. 1,2,3 & Turbine Impulse Ch. 1, 2 Pressure
20	Steam Generator Levels	Protection Set III	99018	Steam Generator level Channel 3
21	Steam Generator Levels	Protection Set IV	99019	Steam Generator level Channel 4

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PROCESS CONTROL BLOCK DIAGRAM DRAWING INDEX

Item #	Function		Drawing #	Drawing Title
22	Steam Pressures	Protection Set III, IV	99034	Stm Gen Hdr Press Ch. 3,4 Pressurizer Pressure Ch. 4 & Lower Containment Press Channel 4
23	None			
24	Rod Control	Control	99007	Rod Control
25	Rod Control	Control	99007	Rod Control
26	Steam Dump Feed Pump Speed Control	Control	99008	Steam Dump, Turbine & Feed Pump Control
27	Pressurizer Pressure Control	Control	99023	Prz pressure Control
28	Pressurizer Level Control	Control	99024	Pressurizer Level Control System
29	Volume Control Tank Level Control	Control	99027	RWST, CST and VCT Level
30	Boric Acid Blend Control	Control	99061	Boric Acid and Primary Water
31	Rod Insertion Limit	Control	99006	Rod Insertion Limits
32	ΔT /Auctioneered ΔT Deviation Alarms	Control	99005	Tavg & ΔT /Auctioneered Tavg & ΔT Deviation Alarms
33	TAVG/Auctioneered TAVG Deviation Alarms	Control	99005	Tavg & ΔT /Auctioneered Tavg & ΔT Deviation Alarms
34	Steam Generator Level Control	Control	99016	Steam Generators 1,2 & 3 Level Control System
35	Steam Generator Level Control	Control	99017	S. G. #4 Level Control
36	Steam Generator Level (Wide Range)	Control	99020	Steam Pressure & Wide Range S.G. Level
37	ΔT & ΔT - S.P. Recording	Control	99001	Reactor Coolant Delta T Protection Channel 1