

	INDIANA AND MICHIGAN POWER D. C. COOK NUCLEAR PLANT UPDATED FINAL SAFETY ANALYSIS REPORT	Revision: 17.1 Table: 14.3.4-24 Page: 1 of 3
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TABLE 14.3.4-24

LOOP SUBCOMPARTMENT MODEL – TMD VOLUME INPUT

TMD Node	Description	Volume (ft ³)	TMD Node Unique to this Model	TMD Node Common to Pressurizer Enclosure & Steam Generator Enclosure Models
1	Loop Compartment	2.2415E+04	No	Yes
2	Loop Compartment	2.2845E+04	No	Yes
3	Loop Compartment	4.1329E+04	No	Yes
4	Loop Compartment	2.7398E+04	No	Yes
5	Loop Compartment	2.2839E+04	No	Yes
6	Loop Compartment	1.9921E+04	No	Yes
7	Ice Condenser	3.5230E+03	No	Yes
8	Ice Condenser	3.5230E+03	No	Yes
9	Ice Condenser	3.4090E+03	No	Yes
10	Ice Condenser	4.1660E+03	No	Yes
11	Ice Condenser	4.1660E+03	No	Yes
12	Ice Condenser	4.0330E+03	No	Yes
13	Ice Condenser	8.3300E+03	No	Yes
14	Ice Condenser	8.3300E+03	No	Yes
15	Ice Condenser	8.0590E+03	No	Yes
16	Ice Condenser	5.7680E+03	No	Yes
17	Ice Condenser	5.7680E+03	No	Yes
18	Ice Condenser	5.5800E+03	No	Yes
19	Ice Condenser	4.4850E+03	No	Yes
20	Ice Condenser	4.4850E+03	No	Yes
21	Ice Condenser	4.3400E+03	No	Yes

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LOOP SUBCOMPARTMENT MODEL – TMD VOLUME INPUT

TMD Node	Description	Volume (ft ³)	TMD Node Unique to this Model	TMD Node Common to Pressurizer Enclosure & Steam Generator Enclosure Models
22	Ice Condenser	4.4850E+03	No	Yes
23	Ice Condenser	4.4850E+03	No	Yes
24	Ice Condenser	4.3400E+03	No	Yes
25	Upper Containment	7.3432E+05	No	Yes
26	Pipe Trench	1.0435E+04	No	Yes
27	Fan/Accumulator Room	2.6969E+04	No	Yes
28	Pipe Trench	1.0435E+04	No	Yes
29	Instrument Room	1.7479E+04	No	Yes
30	Pipe Trench	1.0435E+04	No	Yes
31	Fan/Accumulator Room	2.6969E+04	No	Yes
32	Pipe Trench	1.0435E+04	No	Yes
33	Upper Reactor Cavity	1.8012E+04	No	Yes
34	Ice Condenser	5.3850E+03	No	Yes
35	Ice Condenser	6.3650E+03	No	Yes
36	Ice Condenser	1.2729E+04	No	Yes
37	Ice Condenser	8.8130E+03	No	Yes
38	Ice Condenser	6.8540E+03	No	Yes
39	Ice Condenser	6.8540E+03	No	Yes
40	Ice Condenser	2.8910E+03	No	Yes
41	Ice Condenser	3.4180E+03	No	Yes
42	Ice Condenser	6.8350E+03	No	Yes

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TMD Node	Description	Volume (ft ³)	TMD Node Unique to this Model	TMD Node Common to Pressurizer Enclosure & Steam Generator Enclosure Models
43	Ice Condenser	4.7320E+03	No	Yes
44	Ice Condenser	3.6810E+03	No	Yes
45	Ice Condenser	3.6810E+03	No	Yes
46	Steam Generator Enclosure	3.4040E+03	Yes	No
47	Steam Generator Enclosure	3.1210E+03	Yes	No
48	Steam Generator Enclosure	3.1210E+03	Yes	No
49	Steam Generator Enclosure	3.4040E+03	Yes	No
50	Steam Generator Enclosure	7.5010E+03	Yes	No
51	Steam Generator Enclosure	6.9860E+03	Yes	No
52	Steam Generator Enclosure	6.9860E+03	Yes	No
53	Steam Generator Enclosure	7.5010E+03	Yes	No