



INDIANA AND MICHIGAN POWER
D. C. COOK NUCLEAR PLANT
UPDATED FINAL SAFETY ANALYSIS REPORT

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COMMON NAMES * AND TOTAL NUMBER OF EACH SPECIES IMPINGED DURING 1975-1982 AT THE D. C. COOK NUCLEAR PLANT SOUTHEASTERN LAKE MICHIGAN

(WEIGHT IS IN KG)

Species	1975	1976	1977	1978	1979	1980	1981	1982
Alewife	174,341	114,958	31,498	238,133	330,709	1,815,490	1,415,821	831,051
Black bullhead	35	45	16	12	4	9	35	68
Black crappie	11	4	7	2	5	6	5	9
Bloater	49	63	302	23,085	2,456	21,448	3,144	212
Bluegill	48	23	10	11	-	12	73	37
Brown bullhead	-	-	-	11	4	-	7	6
Brown Trout	-	37	24	61	95	120	166	176
Bur bot	37	75	51	108	575	1,248	876	1,018
Central mudminnow	9	9	-	-	5	24	43	66
Channel catfish	50	70	27	26	50	87	175	87
Chestnut lamprey	4	-	-	5	-	-	-	-
Chinook salmon	7	16	-	59	729	875	22	34
Coho salmon	8	22	22	78	165	63	44	530
Common carp	2	6	-	5	34	33	18	12
Deepwater sculpin	1	5	-	-	-	27	80	33

* ACCORDING TO ROBINS ET AL 1980



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Species	1975	1976	1977	1978	1979	1980	1981	1982
Emerald shiner	1	-	-	5	-	-	-	-
Flathead catfish	-	-	-	-	-	31	-	-
Freshwater drum		-	-	18	2	4	3	8
Gizzard shad	278	1,780	35	692	252	669	1,682	1,925
Golden shiner	5	-	-	-	-	-	-	9
Goldfish	2	-	-	-	5	4	-	-
Grass pickerel	-	1	-	-	-	-	-	-
Green sunfish	13	6	4	6	-	6	14	-
Johnny darter	180	346	103	108	59	107	682	13
Lake chub	-	5	6	6	-	13	-	32
Lake chubsucker	-	-	4	-	4	-	-	-
Lake herring	-	-	-	-	-	-	-	5
Lake sturgeon	-	-	-	-	-	8	-	-
Like trout	101	115	115	243	282	320	517	342
Lake whitefish	1	-	-	-	10	15	7	8
Largemouth bass	13	4	8	-	11	5	-	-
Logperch	1	-	-	-	-	-	-	-



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Species	1975	1976	1977	1978	1979	1980	1981	1982
Longnose dace	6	8	19	43	-	5	8	8
Longnose gar	-	-	-	-	-	-	-	3
Longnose sucker	23	43	20	165	210	490	266	629
Mottled sculpin	-	-	14	392	532	1,078	1,364	373
Ninespine suckleback	194	107	95	288	65	429	111	71
Northern pike	3	17	-	5	-	-	17	7
Pirate perch	1	-	-	-	-	-	-	-
Pumpkinseed	23	32	2	15	-	-	5	9
Quillback	2	-	-	-	-	-	-	-
Rainbow smelt	3,746	2,772	1,488	51,013	35,398	149,085	112,837	13,863
Rainbow trout	4	17	-	6	14	20	37	24
Rock bass	3	1	4	8	5	3	14	3
Round whitefish	-	-	-	-	-	-	39	-
Sea lamprey	-	-	-	-	5	9	8	30
Shorthead redhorse	-	-	5	30	68	-	14	5
Silver redhorse	-	-	-	5	11	-	-	-
Slimy sculpin	8,136	7,402	2,232	1,034	2,622	8,371	6,974	5,820



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Species	1975	1976	1977	1978	1979	1980	1981	1982
Smallmouth bass	5	21	10	3	5	15	8	
Spottail shiner	9,985	24,104	5,032	178,009	52,761	106,009	86,260	33,842
Spotted sucker	1	-	-	-	-	-	3	-
Stonecat	-	-	-	-	-	11	-	-
Tadpole madtom	-	5	-	-	-	-	-	6
Trout-perch	15,373	10,357	4,826	88,692	15,002	31,063	23,711	1,998
Walleye	-	-	-	-	-	-	-	6
Warmouth	-	-	-	-	-	2	-	-
White crappie	6	-	-	11	2	5	18	-
White sucker	16	27	14	186	271	173	141	584
Yellow bullhead	5	1	2	-	-	-	3	6
Yellow perch	12,006	21,309	7,195	32,811	38,349	170,262	391,983	38,811
Total number	224,735	183,813	53,190	615,390	480,776	2,307,654	1,947,235	913,768
Total weight	6,131	4,927	1,833	10,475	9,480	71,209	17,395	25,173