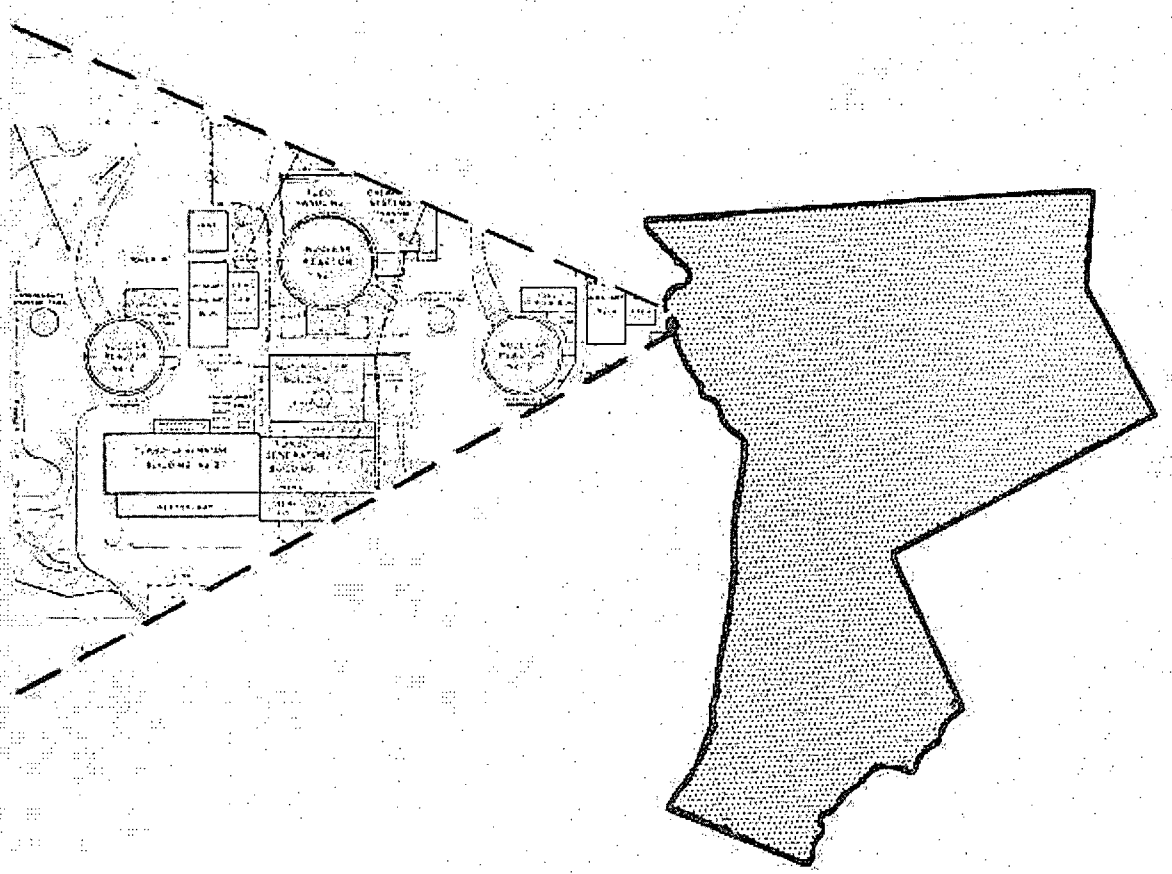
ENVIRONMENTAL AND POST OPERATIONAL SURVEY FOR RADIOACTIVITY



CONSOLIDATED EDISON INDIAN POINT REACTORS

New York State Department of Environmental Conservation

September 1971

Table 11

Radioactivity Levels in Fish
Result in pCi/Kg

Station	Date of Collection	Cs-137	Co-60	Rh-106	ZrNb-95	Cs-134	Mn-54	Ce-144	Sr-90	Remarks
Green's Cove	10/ 7/70	60	N.D.	N.D.	N.D.	-	70	-	-	
	6/18/70	55	N.D.	N.D.	-	N.D.	-	-	-	
	6/18/70	104	N.D.	N.D.	-	108	-	-	-	
	10/16/69	107	N.D.	N.D.	-	131	-	-	N.D.	Mixed Small Fish
	6/23/69	189	N.D.	N.D.	-	181	-	-	-	Mixed Small Fish
	6/23/69	N.D.	N.D.	N.D.	-	N.D.	-	-	-	Carp (bone)
	6/23/69	96	N.D.	N.D.	-	N.D.	-	-	-	Carp (flesh)
	10/ 8/68	39	0	-	0	-	59	-	-	
	6/25/68	-	-	-	-	-	52	-	-	
	6/28/67	4	0	-	-	-	5	49	-	
	6/16/66	61	0	-	0	-	35	-	-	
Tappan Zee West	10/ 7/70	55	N.D.	N.D.	-	34	-	-	-	
	6/17/70	51	N.D.	N.D.	-	33	-	-	-	
	10/16/69	67	N.D.	N.D.	-	N.D.	-	-	40	Mixed Small Fish
	6/23/69	74	N.D.	N.D.	-	N.D.	-	-	-	Mixed Small Fish
	10/ 7/68	49	0	-	-	-	0	-	-	
	6/24/68	0	0	-	0	-	0	-	-	
	6/28/67	0	0	-	-	-	4	52	-	
	6/15/66	56	0	-	0	-	0	-	-	

Table 11 (Cont.)

Radioactivity Levels in Fish
Result in pCi/Kg

Station	Date of Collection	Cs-137	Co-60	Rh-106	ZrNb-95	Cs-134	Mn-54	Ce-144	Sr-90	Remarks
Iona Island	10/ 7/70	43	N.D.	N.D.	-	N.D.	-	-	-	
	6/17/70	61	N.D.	N.D.	-	30	-	-	82	
	10/16/69	37	N.D.	N.D.	-	N.D.	-	-	96	Mixed Small Fish
	6/23/69	65	N.D.	N.D.	-	N.D.	-	-	-	Mixed Small Fish
	10/ 7/68	32	0	-	0	-	51	-	-	
	6/24/68	39	0	-	0	-	0	-	-	
	6/28/67	0	0	-	-	-	4	49	-	
	6/15/66	38	0	-	0	-	0	-	-	
Peekskill Bay	10/ 7/70	32	N.D.	N.D.	-	N.D.	-	-	-	
	6/17/70	70	N.D.	N.D.	-	71	-	-	120	
	10/16/69	N.D.	N.D.	N.D.	-	N.D.	-	-	217	
	6/23/69	157	N.D.	N.D.	-	128	-	-	-	
	10/ 8/68	43	0	-	0	-	0	-	-	
	6/25/68	0	0	-	0	-	0	-	-	
	6/28/67	0	0	-	-	-	2	48	-	
	6/16/66	63	-	-	0	-	0	-	-	

Allowable pCi/l offsite Concentrations in Water are:

Cs-137:	20,000	ZrNb-95:	60,000
Co-60 :	50,000	Cs-134 :	9,000
Ru-106:	10,000	Mn-54 :	100,000
Sr-90 :	300	Ce-144 :	10,000