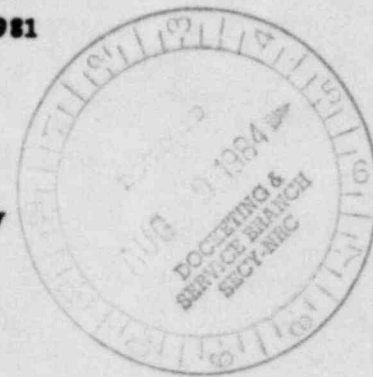


WORLDWIDE DEPOSITION OF ⁸⁷Sr THROUGH 1981

Richard J. Larsen

Environmental Measurements Laboratory
 U. S. Department of Energy
 New York, NY 10014



June 1983

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

Printed in the United States of America
 Available from

National Technical Information Service

U. S. Department of Commerce

5285 Port Royal Road
 Springfield, VA 22161

NTIS price codes
 Printed copy: \$11.50
 Microfiche copy: A01

NOTICE

PORTIONS OF THIS REPORT ARE ILLEGIBLE.

It has been reproduced from the best available copy to permit the broadest possible availability.

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

MASTER

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

8411270187 840619
 PDR ADOCK 05000352
 G PDR

NUCLEAR REGULATORY COMMISSION

Docket No. 50-352/353 Original E.P. No. 158
In the matter of PECO - General 102

Staff	IDENTIFIED	<input checked="" type="checkbox"/>
Applicant	RECEIVED	<input type="checkbox"/>
Intervenor	RECEIVED	<input type="checkbox"/>
Contract	DATE	<u>6/19/84</u>
Other	Address	<u>Mary Swann</u>

QUARTERLY FALLOUT DEPOSITION COLLECTIONS

SITE: NEW YORK, NEW YORK

SURFACE AIR SAMPLING SITE

LAT. 40 44N LONG. 74 00W ALT. 56 M. (POT)

SOURCE: ENVIRONMENTAL MEASUREMENTS LABORATORY, DEPARTMENT OF ENERGY

		1 ST	2 ND	3 RD	4 TH	CUM. TOTAL
		----	----	----	----	-----
1976	PRECIP. (CM.)	30.22	26.28	28.17	20.17	104.84
	SR-90 (MCI/SQ.KM.)	0.05	0.09	0.03	0.09	C.26
	SR-90 CONC. (PC/L)	0.17	0.34	0.11	0.45	
1977	PRECIP. (CM.)	30.92	23.59	27.72	56.77	139.00
	SR-90 (MCI/SQ.KM.)	0.05	0.19	0.27	0.30	C.81
	SR-90 CONC. (PC/L)	0.16	0.81	0.97	0.53	
1978	PRECIP. (CM.)	31.97	33.57	35.31	25.30	126.15
	SR-90 (MCI/SQ.KM.)	0.25	0.43	0.12	0.06	C.86
	SR-90 CONC. (PC/L)	0.78	1.28	0.34	0.24	
1979	PRECIP. (CM.)	41.35	29.46	24.92	23.72	119.45
	SR-90 (MCI/SQ.KM.)	0.07	0.14	0.05	0.03	C.25
	SR-90 CONC. (PC/L)	0.17	0.48	0.20	0.13	
1980	PRECIP. (CM.)	29.92	36.08	19.18	15.42	100.60
	SR-90 (MCI/SQ.KM.)	0.05	0.06	0.01	0.02	C.14
	SR-90 CONC. (PC/L)	0.17	0.17	0.05	0.10	
1981	PRECIP. (CM.)	16.64	21.65	24.03	22.35	84.67
	SR-90 (MCI/SQ.KM.)	0.07	0.23	0.04	0.02	C.36
	SR-90 CONC. (PC/L)	0.42	1.06	0.17	0.00	
1982	PRECIP. (CM.)	24.71	29.24	--	--	53.95
	SR-90 (MCI/SQ.KM.)	0.02	0.01	--	--	C.03
	SR-90 CONC. (PC/L)	0.08	0.03	--	--	

NOTES

- : DATA NOT AVAILABLE
- *: ZERO OR TRACE
- A: APPROXIMATE
- B: LOWER LIMIT OF REPORTED DATA
- C: EXTRAPOLATED FROM INCOMPLETE DATA SF