

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
220 STOVALL STREET
ALEXANDRIA, VA 22302

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IN REPLY REFER TO
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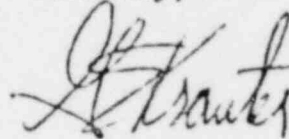
8 OCT 1975

U. S. Nuclear Regulatory Commission
Office of Materials and Fuel Cycle Facility Licensing
Materials Branch
Washington, D. C. 20555

Gentlemen:

The attached quarterly Radioisotope Thermoelectric Generator report is forwarded in accordance with Item No. 17 of Byproduct Material License No. 45-16359-03. This report covers the third calendar quarter of 1975 and includes source model numbers, location, and status.

Sincerely,



G. E. KRAUTER
CDR, CEC, USN
Special Assistant for
Nuclear Programs

Enclosure:

2 copies, Quarterly Radioisotope Thermoelectric Generator Report

Copy to:

Naval Nuclear Power Unit, Ft. Belvoir, VA

OCT 3 1975

AT POWER DIVISION

LATERLY RADIOISOTOPIC THERMOELECTRIC GENERATOR REPORT

(REF: BY PRODUCT MATERIAL LICENSE 45-16359-03)

<u>CC</u>	<u>MODEL</u>	<u>LOCATION</u>	<u>DATE</u>	<u>STATUS</u>
1	SNAP-21, SIOP1	SURVFAC, FT. BELVOIR, VA	2/05/73	STORAGE
2	SNAP-21, SIOP2	32 02 N, 64 15 W	11. 21/70	IMPLANTED
3	SNAP-21, SIOP3	SURVFAC, FT. BELVOIR, VA	2/05/73	STORAGE
4	SNAP-21, SIOP4	SURVFAC, FT. BELVOIR, VA	2/17/71	STORAGE
5	SNAP-7E	NAF 1, INDIANAPOLIS, IN	11/12/70	R&D SUPPORT
6	LCG-25A	65 37 N, 168 44 W	8/10/66	IMPLANTED
7	MW-3000A	SURVFAC, FT. BELVOIR, VA	2/05/73	STORAGE
8	URIPS-PI	SURVFAC, FT. BELVOIR, VA	11/16/72	STORAGE
9	MILITRACS-101A	SURVFAC, FT. BELVOIR, VA	6/17/74	DEFECTIVE
10	SENTINEL-23C1	33 00 N, 121 00 W	6/02/69	IMPLANTED
11	TRACS-25A	SURVFAC, FT. BELVOIR, VA.	12/01/73	DEFECTIVE
12	SENTINEL-25D	30 05 N, 85 54. 2 W	6/22/73	IMPLANTED
13	SENTINEL-25D	30 05 N, 85 54. 2 W	6/22/73	IMPLANTED
14	SENTINEL-25D	30 05 N, 85 54. 2 W	6/22/73	IMPLANTED
15	SENTINEL-25 E	SURVFAC, PT. MUGU, CA	10/10/73	STORAGE
16	SENTINEL-25E	SURVFAC, PT. MUGU, CA	10/10/73	STORAGE
17	SENTINEL-25E	SURVFAC, PT. MUGU, CA	10/10/73	STORAGE
18	SENTINEL-25C3	SURVFAC, FT. BELVOIR, VA	9/23/74	EVALUATION

	<u>MODEL</u>	<u>LOCATION</u>	<u>DATE</u>	<u>STORAGE</u>
	URIPS-PI	28 42 N, 177 37 W	10/04/70	IMPLANTED
016	URIPS-PI	28 39 N, 177 35 W	10/05/70	IMPLANTED
017	URIPS-PI	SURVFAC, FT. BELVOIR, VA	2/07/72	STORAGE
018	URIPS-PI	28 40 N, 177 35 W	10/02/70	IMPLANTED
019	SENTINEL-25F	SURVFAC, FT. BELVOIR, VA	5/21/72	STORAGE
020	SENTINEL-25F	71 20 N, 156 30 W	8/06/74	IMPLANTED
021	SENTINEL-25F	ISAR, MIAMI, FL	6/05/75	STORAGE
022	SENTINEL-25F	SURVFAC, PT. MUGU, CA	1/10/72	STORAGE
023	SENTINEL-25F	SURVFAC, FT. BELVOIR, VA	1/10/73	STORAGE
024	SENTINEL-8	34 02 N, 120 24 W	11/20/70	IMPLANTED
025	URIPS-8	SURVFAC, FT. BELVOIR, VA	5/02/74	EVALUATION
026	URIPS-8	SURVFAC, FT. BELVOIR, VA	5/02/74	EVALUATION
027	URIPS-8	SURVFAC, FT. BELVOIR, VA	5/02/74	EVALUATION
028	URIPS-8	90 00 S	2/03/75	IMPLANTED
029	SENTINEL-25E	SURVFAC, FT. BELVOIR, VA	8/14/72	STORAGE
030	SENTINEL-25E	SURVFAC, FT. BELVOIR, VA	11/23/71	STORAGE
031	SENTINEL-25E	SURVFAC, FT. BELVOIR, VA	8/14/72	STORAGE
032	SENTINEL-25E	SURVFAC, FT. BELVOIR, VA	7/12/72	STORAGE

	<u>MODEL</u>	<u>LOCATION</u>	<u>DATE</u>	<u>ACTION</u>
	GULF-1	GENERAL ATOMIC, CA	10/30/73	RETROFIT
034	GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROFIT
035	GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROFIT
036	GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROFIT
037	GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROFIT
038	GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROFIT
039	GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROFIT
040	GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROFIT
041	SENTINEL-100F	25 16 N, 176 19 N	12/13/74	IMPLANTED
042	SNAP-21, SIOP5	SURVFAC, FT. BELVOIR, VA	12/06/71	STORAGE
043	SNAP-21, SIOP6	33 45 N, 119 03 W	1/28/74	IMPLANTED
044	SNAP-23A	WESTINGHOUSE ASTRONUC, PA	6/30/73	EVALUATION

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AIR POWER DIVISION

QUARTERLY RADIOISOTOPIC THERMOELECTRIC GENERATOR REPORT

(REF: BY PRODUCT MATERIAL LICENSE 45-16359-000)

<u>Q</u>	<u>MODEL</u>	<u>LOCATION</u>	<u>DATE</u>	<u>STATUS</u>
1	SNAP-21, SIOP1	SURVFAC, FT. BELVOIR, VA	2/05/73	STORAGE
1	SNAP-21, SIOP2	32 02 N, 64 15 W	11. 21/70	IMPLANTED
1	SNAP-21, SIOP3	SURVFAC, FT. BELVOIR, VA	2/05/73	STORAGE
1	SNAP-21, SIOP4	SURVFAC, FT. BELVOIR, VA	2/17/71	STORAGE
1	SNAP-7E	NAF I, INDIANAPOLIS, IN	11/12/70	R&D SUPPORT
	LCC-25A	65 37 N, 168 44 W	8/10/66	IMPLANTED
	MW-3000A	SURVFAC, FT. BELVOIR, VA	2/05/73	STORAGE
	URIPS-PI	SURVFAC, FT. BELVOIR, VA	11/16/72	STORAGE
	MILLITRACS-101A	SURVFAC, FT. BELVOIR, VA	6/17/74	DEFECTIVE
	SENTINEL-23C1	33 00 N, 121 00 W	6/02/69	IMPLANTED
	TRACS-25A	SURVFAC, FT. BELVOIR, VA.	12/01/73	DEFECTIVE
	SENTINEL-25D	30 05 N, 85 54.2 W	6/22/73	IMPLANTED
	SENTINEL-25D	30 05 N, 85 54.2 W	6/22/73	IMPLANTED
	SENTINEL-25D	30 05 N, 85 54.2 W	6/22/73	IMPLANTED
	SENTINEL-25 E	SURVFAC, PT. MUGU, CA	10/10/73	STORAGE
	SENTINEL-25E	SURVFAC, PT. MUGU, CA	10/10/73	STORAGE
	SENTINEL-25E	SURVFAC, PT. MUGU, CA	10/10/73	STORAGE
	SENTINEL-25C3	SURVFAC, FT. BELVOIR, VA	9/23/74	EVALUATION

<u>NAME</u>	<u>LOCATION</u>	<u>DATE</u>	<u>PURPOSE</u>
URIPS-PI	28 42 N, 177 37 W	10/04/70	IMPLANTED
URIPS-PI	28 39 N, 177 38 W	10/05/70	IMPLANTED
URIPS-PI	SURVFAC, FT. BELVOIR, VA	2/07/72	STORAGE
URIPS-PI	28 40 N, 177 35 W	10/02/70	IMPLANTED
SENTINEL-25F	SURVFAC, FT. BELVOIR, VA	5/21/72	STORAGE
SENTINEL-25F	71 20 N, 156 30 W	8/06/74	IMPLANTED
SENTINEL-25F	ISAR, MIAMI, FL	6/05/75	STORAGE
SENTINEL-25F	SURVFAC, PT. MUGU, CA	1/10/72	STORAGE
SENTINEL-25F	SURVFAC, FT. BELVOIR, VA	1/10/73	STORAGE
SENTINEL-8	34 02 N, 120 24 W	11/20/70	IMPLANTED
URIPS-8	SURVFAC, FT. BELVOIR, VA	5/02/74	EVALUATION
URIPS-8	SURVFAC, FT. BELVOIR, VA	5/02/74	EVALUATION
URIPS-8	SURVFAC, FT. BELVOIR, VA	5/02/74	EVALUATION
URIPS-8	90 00 S	2/03/75	IMPLANTED
SENTINEL-25E	SURVFAC, FT. BELVOIR, VA	8/14/72	STORAGE
SENTINEL-25E	SURVFAC, FT. BELVOIR, VA	11/23/71	STORAGE
SENTINEL-25E	SURVFAC, FT. BELVOIR, VA	8/14/72	STORAGE
SENTINEL-25E	SURVFAC, FT. BELVOIR, VA	7/12/72	STORAGE

3901

<u>MODEL</u>	<u>SITUATION</u>	<u>DATE</u>	<u>STORAGE</u>
GULF-1	GENERAL ATOMIC, CA	10/30/73	RETROF IT
GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROF IT
GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROF IT
GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROF IT
GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROF IT
GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROF IT
GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROF IT
GULF-1	GENERAL ATOMIC, CA	7/15/74	RETROF IT
SENTINEL-100F	25 16 N, 176 19 N	12/13/74	IMPLANTED
SNAP-21, SIOP5	SURVFAC, FT. BELVOIR, VA	12/06/71	STORAGE
SNAP-21, SIOP6	33 45 N, 119 03 W	1/28/74	IMPLANTED
SNAP-23A	WESTINGHOUSE ASTRONUC, PA	6/30/73	EVALUATION