

NORTHROP GRUMMAN
Electronic Systems

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Northrop Grumman Corporation
P.O. Office Box 120
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September 16, 2003

U.S. Nuclear Regulatory Commission
Division of Industrial and Medical Nuclear Safety, NMSS
Washington, DC 20555

Subject: Product Transfer Report for 2003 (License #19-00428-11E)

To: Richard K. Struckmeyer,

Please find below the Product Transfer Report for year 2003. Should you have any questions please feel free to contact me at 410-993-6674.

Martin Muller
Northrop Grumman High Power
Microwave Control Devices Group
Radiation Safety Officer

Product Transfer Report (January 1, 2003 through April 30, 2003)

Unit	# of Units	# of Tritium Rods per Unit	# of Rods	Tritium Activity per Rod (millicuries)	Total Tritium Activity (Curies)	Promethium 147 Per Unit (microcuries)	Total Promethium 147 Activity (millicuries)
A	75	1	75	142	10.65	0	0
B	4	2	8	60	0.48	0	0
C	6	2	12	60	0.72	0	0
D	1	1	1	30	0.03	15	15
E	3	0	0	0	0	28	84
F	8	1	8	100	0.8	28	224
G	3	1	3	110	0.33	4	12