

**NORTHROP GRUMMAN**  
*Electronic Systems*

Electronic Systems  
Northrop Grumman Corporation  
P.O. Office Box 140  
Hawthorne, Maryland 21220

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