



**UNITED STATES**  
**NUCLEAR REGULATORY COMMISSION**  
**REGION II**  
**SAM NUNN ATLANTA FEDERAL CENTER**  
**61 FORSYTH STREET SW SUITE 23T85**  
**ATLANTA, GEORGIA 30303-8931**

August 16, 2000

National Aeronautics and Space Administration  
 George C. Marshall Space Flight Center  
 ATTN: David L. Thaxton, CIH  
 MSFC Occupational Health Officer  
 Marshal Space Flight Center, Alabama 35812

**SUBJECT: USE OF BYPRODUCT MATERIALS AT THE PROPOSED PROPULSION  
 RESEARCH LABORATORY**

Dear Mr. Thaxton:

Based upon our review of the contents of the Proposed Propulsion Research Laboratory, Project Requirements Document, dated June 2000, it is not obvious to us what byproduct material you would be using that might require a license. Therefore we cannot make a judgement as to the adequacy of the document.

If you intend to use byproduct material, 10 CFR Part 30 specifies requirements for a license. NRC guidance is contained in NUREG-1556, Volume 7, "Program-Specific Guidance about Academic, Research and Development, and Other Licenses of Limited Scope," (enclosed). This document contains extensive guidance on licensing, radiation safety programs and waste management.

Additionally, 10 CFR Part 20, Subpart E, "Radiological Criteria for License Termination," is the criteria for acceptably terminating use of licensed materials in facilities.

If we can be of any further help, please contact David Collins of my staff at 404-562-4735.

Sincerely,

**/RA/**  
 Mark S. Lesser, Chief  
 Acting Deputy Director  
 Division of Nuclear Materials Safety

Enclosure: As stated

OFFICE	RII:DNMS	RII:DNMS					
SIGNATURE	DJC 8/16/00						
NAME	DJCollins	MSLesser					
DATE	2/ /2001	2/ /2001	2/ /2001	2/ /2001	2/ /2001	2/ /2001	2/ /2001
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO