

November 18, 2004

MEMORANDUM TO: Tim Harris, Section Leader
Materials Safety and Inspection Branch, IMNS

FROM: Tomas Herrera */RA/*
Materials Safety and Inspection Branch, IMNS

SUBJECT: SUMMARY OF MEETING WITH NASA GODDARD SPACE
FLIGHT CENTER, NOVEMBER 10, 2004

NRC staff requested a meeting with representatives of NASA Goddard Space Flight Center, on November 10, 2004, to clarify items in NASA's application for the Model 672 Custom Beam Irradiator application.

The meeting addressed the following issues:

- source capsule information;
- construction of the device;
- prototype testing;
- external radiation profiles;
- quality assurance program;
- proprietary information;
- conditions of use.

The NRC participants outlined to the NASA Goddard Space Flight Center representatives:

- the need for more information on the sources used by the Model 672 in order to determine if a bend test is required;
- confirmation that the device will be built with the same materials and methods as the current Model 81-24Q Irradiator at their facility;
- the operational history and operating procedures of the Model 81-24Q in order to meet the requirements for prototype testing;
- confirmation the other devices in the irradiator room be taken into consideration when calculating the radiation profiles for the Model 672;
- the need for the qualifications of the NASA quality assurance inspectors, inspecting the construction of the Model 672;
- the NRC will only considered the engineering drawings which contain special materials or other trade secrets as proprietary information;
- the operation of the device.

The objective of the meeting was to clarify to the NASA staff the issues that NRC will include in the request for additional information letter and, thus, enable NASA to address the issues completely.

A copy of NASA Goddard Space Flight Center presentation slides, pictures of the 81-24Q, and the application to the NRC are attached.

Attachments: As stated

Participants:

NRC Staff:

Tim Harris
John Jankovich
Ujagar Bhachu
Nima Ashkeboussi
Tomas Herrera

NASA Goddard Space Flight Center:

Patrick Hancock
Tad Blanchard
Stephen Brown
Theodore Simmons

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