

May 23, 2012

Honeywell Aerospace- Defense & Space  
13350 US Hwy 19 N  
Clearwater, Florida 33764  
Jacob.Groves@honeywell.com

Pierre Saverot  
Project Manager  
U.S. Nuclear Regulatory Commission  
[Pierre.Saverot@nrc.gov](mailto:Pierre.Saverot@nrc.gov)

Mr. Saverot:

Honeywell Aerospace in Clearwater, Florida uses three Co-60 irradiators containing 19,500Ci., 12,100Ci., and 2Ci. Co-60 supplied by J.L. Shepherd and Associates (models 484C SN 50021, 484B SN 50018, and 109 TLD SN 3005, respectively) for conducting total ionizing dose radiation testing to meet space and defense program and contractual requirements in adherence to military standards.

Because the Co60 decays over time, to meet our irradiation dose rate requirements, these irradiators require periodic reloading. The only entity licensed to perform this service is the manufacturer of the irradiators, J.L. Shepherd and Associates. We are currently at a critical juncture with our model 484C irradiator, which is used to support all of Honeywell's high dose rate irradiations. The acceptable dose rate over a useful surface area has shrunk and immediate replenishment is required to resolve.

We hereby request that Special Permit SP 14766 possessed by J.L. Shepherd and Associates be extended until their new B(U) 650 package is approved/available so that our irradiator may be reloaded on a timely schedule and our operations requiring use of the irradiator not be compromised.

Since the quantity of Co-60 in our irradiator requires intermediate shipment of the Co-60 sources using the GE 1500 container it would be helpful if the GE authorization for Limited Shipments using the 1500 package would be extended to the same date.

We have an existing contract to reload our 484C irradiator with 19,500Ci. Co-60. Not extending Special Permit SP 14766 will significantly impact our operations and ability to meet existing contractual obligations.

Regards,



Jacob Groves  
Technical Manager – Component & Radiation Test