

## Aerospace Electronic Systems

Honeywell  
2600 Ridgway Pkwy  
Minneapolis, MN 55413  
612 951-1000  
612 951-5501 Fax

November 15, 2005

USNRC, Region III,  
2443 Warrenville Road,  
Lisle, IL 60532-4351.

RE: Lost NRD Air Ionizer; Model P-2021-3000; S/N A2DV726; 10 millicuries.

Our facility uses air ionizer cartridges from NRD in Manufacturing processes to eliminate static electricity and reduce the particulates found on parts in the Production process. An ionizer was discovered to be missing on 9/14/05 at the time it was requested to be returned to NRD at the end of August 2005.

**(i) A description of the licensed material involved, including kind, quantity, and chemical and physical form;**

NRD Air Ionizer; Model P-2021-3000; S/N A2DV726; 10 millicuries

**(ii) A description of the circumstances under which the loss or theft occurred;**

The ionizer was discovered to be missing on 9/14/05 by our plumber performing the maintenance request to check-out the ionizer due for return at the end of August 2005. We are using a number of air ionizers leased from NRD to prevent the accumulation of particles on our polished glass parts. The particular device was used in the GG1308 cleanroom near a sink to dry parts after washing without contaminating them with particulates. A new cleaning bench was installed and during the installation on July 22nd and 23rd, a wall was demolished. The nitrogen line and the attached blow-off gun containing the device was attached to the wall and the assumption is the ionizer was in the demolition debris. That debris was moved to a Waste Management dumpster for a short time and then sent to a landfill on either 22 July 2005 or 10 August 2005.

**(iii) A statement of disposition, or probable disposition, of the licensed material involved;** The device was improperly disposed of to a landfill

**(iv) Exposures of individuals to radiation, circumstances under which the exposures occurred, and the possible total effective dose equivalent to persons in unrestricted areas;**

No radiation exposure was accounted and the device was approximately 12 months old out of its expected usage of 12 months, hence the radiation was depleted when disposed to waste.

**(v) Actions that have been taken, or will be taken, to recover the material;** The Plumbers, Production operators, Production group leaders and the engineering staff searched the cleanroom and our Facilities people tried to determine if it was removed and stored in some alternate location. A general notice was sent to Production, Stores and Maintenance requesting information in locating the device. The device was not located and determine to have been sent to a landfill as part of a dumpster load of construction debris waste on July 22 and 23.

**(vi) Procedures or measures that have been, or will be, adopted to ensure against a recurrence of the loss or theft of licensed material;** Preventative action plan is to move the accountability for the ionizers back to the line engineers. A Spreadsheet with all ionizers by area with date received and end

RECEIVED NOV 22 2005

date is accessible and will be owned by the assigned Engineers. A Work Instruction is being written for them to follow and the Engineers will be trained to the Work Instruction by the end of the year 2005 to transfer ownership of the process to the line Engineers. In addition to the labeling on the ionizers, Radiation signs have been ordered to place in the areas where the ionizers are located in manufacturing.

Sincerely,

A handwritten signature in black ink, appearing to read "Amelia DeBaggis". The signature is fluid and cursive, with a large initial "A" and "D".

Amelia DeBaggis, Honeywell Radiation Safety Officer Minneapolis

CC: Lou Branca, Honeywell Safety Manager Minneapolis  
NRC Headquarters Operations Center