



**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

June 9, 2000

Ms. Cassandra Frasier  
US Nuclear Regulatory Commission  
Region III Office  
801 Warrenville Rd.  
Lisle, IL 60532-4351

Dear Ms. Frasier:

This letter is in response to our original report of a Lost or Stolen Licensed Device, Event # 36994 that was reported to US NRC on May 12, 2000. This letter is in accordance with 10 CFR §20.2201(Revision Date May 21, 1991), Reports of Theft or Loss of Licensed Materials.

*(ii) All other licensees shall make reports by telephone to the NRC Operations Center (301 - 951 - 0550).*

The report was taken by Duty Officer John MacKinnon at 10:30 am EST, and was to be passed to the US NRC Region III office, for follow up materials.

***(b) Written reports.***

*(1) Each licensee required to make a report under paragraph (a) of this section shall, within 30 days after making the telephone report, make a written report setting forth the following information:*

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

The insert device that has been declared lost or stolen is a Nuclecel In-Line Ionization gun Model No. P2021-8101, Serial no. 110700 manufactured by NRD and leased to Johnson Controls, Interiors by Amstat Industries. When new, this

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JUN 14 2000

**US NRC  
De-ionizing Unit  
Report Letter  
Page 2**

device contained 10 millicuries of Polonium 210, and requires replacement (or renewed) at the end of 12 months.

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

The radioactive material (Polonium-210) is an Alpha source material, 100% encapsulated using pressure welded metallurgy techniques. The insert device is an in-line attachment that connects to a hand held air nozzle. It is used for parts blow-off and surface preparation prior to painting. The device was received for use in April 1999, with delivery to our Quality Control lab for a new process review. It was to be returned to NRD upon completion of the lease in May 2000. Upon request from Amstat for return/renewal of the device, it was discovered that the device was missing from the assigned storage area in the Quality Control Lab.

*iii) A statement of disposition, or probable disposition, of the licensed material involved; and*

Disposition of the material is unknown at this time.

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

Exposure determination to our employees has not been conducted because of the nature of the unit and its intended use, as stated above the Alpha source material is 100% encapsulated using pressure welded metallurgy techniques.

*(v) Actions that have been taken, or will be taken, to recover the material; and*

We have conducted three (3) separate searches of the facility in an attempt to locate this device. We have also conducted three (3) separate meetings with all employees at this facility, in conjunction with the searches.

**US NRC  
De-ionizing Unit  
Report Letter  
Page 3**

*(vi) Procedures or measures that have been, or will be, adopted to ensure against a recurrence of the loss or theft of licensed material.*

To eliminate future recurrences of this nature we have reviewed our application process. It has been determined that we have no need to utilize this type of unit in future operations. We have contacted the supplier and requested a hold on our account in order to prevent delivery of future units. At this time we feel that these measures will prevent a re-occurrence of this type.

If you have any further questions, or require amplifying information please feel free to contact me at 616-394-1528, or Joseph Milburn (The Original Reporter) at 616-394-2716.

Sincerely,



Donald Wilkinson  
Lakewood Plant Manager  
Johnson Controls, Interiors L.L.C. of Michigan

Cc: George Mileskiy, Johnson Controls, Inc.-ASG  
William V. Goebel, Johnson Controls, Interiors  
Joseph Milburn, Johnson Controls, Interiors  
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