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DCR/DCB

## BARNEBEY & SUTCLIFFE CORPORATION

April 17, 1990



A Member  
of the  
Sutchile  
Speakman  
Group

U.S. Nuclear Regulatory Commission Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Attn: George M. McCann, Acting Chief-  
Nuclear Materials Safety Section 1

Subject: Notice of Violation  
Docket No. 030-12171  
License No. 34-12198-02  
Safety inspection conducted by Walter King Feb. 27, 1990

Dear Mr. McCann;

We are in receipt of your letter and Notice of Violation based on our February 27, 1990 inspection.

In response to each of the violations listed:

- A. 10 CFR 20.207. Our radioiodine laboratory, where licensed material is stored and used, is locked and we now have controlled access at all times. The only time the laboratory is unlocked is during testing or while other functions are being performed necessary to our nuclear program. During this "unlocked" period, either the laboratory technician, our RSO, or myself are present in the surrounding laboratory to monitor any uncontrolled access to the nuclear laboratory. The nuclear laboratory is never left unattended in an unlocked condition.
- B. License Condition 18 of our application dated September 14, 1987.
  1. Item 10 of our license.

We have two survey instruments, one has been serviced and calibrated for general purpose survey readings. The second is still being serviced and calibrated for I 131 peak sensitivity for use in the radioiodine lab. The second unit should be returned to us by May 1, 1990. Both survey instruments were serviced and calibrated at Ludlum, Inc. Sweetwater, Texas.

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701 Michigan Avenue Villa Park Illinois 60181 Telephone: (312) 279 4479

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B. 2. Item 14 of our license.

Since our February 27, 1990 inspection we have performed surveys and wipes on our radioactive waste containers on a weekly basis and kept records reflecting our findings.

B. 3. Item 15 of our license.

Since our February 27, 1990 inspection we have done surveys every day that work was performed in the radioiodine test room, and weekly if no work was performed in the test room. The results are recorded in counts per minute.

In addition to the above violation corrections, we are also doing weekly survey wipes of the radioiodine test room walls, test injection hood, air filtration system and exhaust, and room air samples. We are keeping log records of radioiodine receiving, radioiodine inventories, and technical data sheets.

We are keeping a waste disposal log that indicates when our radioiodine waste was transferred from the radioiodine test laboratory to our radioiodine waste storage area. Accurate radioiodine waste storage records are being kept as well.

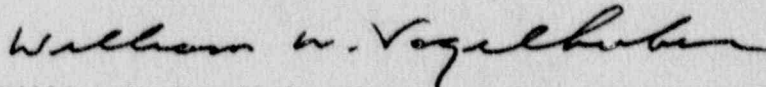
We are, and have in the past, been keeping records of our monthly exposure readings that is received from ICN of Irving, CA.

We are holding monthly safety meetings to review our testing program, safety procedures, license, etc.

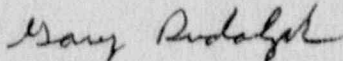
We will make every effort to adhere to the regulations of our License and Radiation Safety Program.

Sincerely,

BARNEBEY & SUTCLIFFE CORPORATION



William W. Vogelhuber  
President/General Manager



Gary L. Rudolph  
Q A Manager