



UNITED STATES RADIUM CORPORATION

4150 OLD BERWICK ROAD / BLOOMSBURG, PENNSYLVANIA 17815 / (717) 782-2541 784-4344

NUCLEAR PRODUCTS DIVISION

July 17, 1980

United States Nuclear
Regulatory Commission-Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

ATTN: John D. Kinneman, Chief
Materials Radiological Protection Section

RE: USNRC License No. 37-00030-02
Docket No. 30-5980
Combined Inspection 30-5980/80-01;
30-5982/80-01

Gentlemen:

Further to your letter dated June 24, 1980, which we received on June 30, 1980, it appears that the single item of noncompliance resulted from an improper interpretation of Condition 13 of the above-captioned license by Mr. Terry D. Brown, former Manager of Nuclear Operations.

As we advised the USNRC by the letter dated February 20, 1980 (copy attached), Mr. Brown is no longer employed by United States Radium Corporation, his former responsibilities having been assumed by the undersigned.

As Manager, Nuclear Operations, I have joined Dr. John G. MacHutchin, Radiation Safety Officer, in establishing an affirmative review procedure designed to insure that proper interpretation of our license requirements is maintained and that the status report will be submitted to the USNRC annually within the July 1 date specified.

United States Radium Corporation has retained Radiation Management Corporation ("RMC") to review and upgrade our Environmental Monitoring Program. As indicated by the

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UNITED STATES RADIUM CORPORATION

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letter from RMC dated February 13, 1980 (as attached), RMC anticipated that environmental sampling stations could be in operation by April, 1980. However, RMC has had to adjust its anticipated schedule to a later date, and this has in turn affected our scheduling of program objectives for the forthcoming 12 month period. We have scheduled a meeting with representatives of RMC for the week of July 20, 1980. Subject to their further advise, we expect to be able to submit our report within eight calendar weeks following such meeting.

We trust this is the information you require at present. Should you have any questions regarding our proposed action, we will be happy to discuss them with you.

Very truly yours,
UNITED STATES RADIUM CORPORATION


Jack Miller
Manager, Nuclear Operations

RTM:mt

cc: Ralph T. McElvenny
NRC License File 37-00030-02

4150 OLD BERWICK ROAD / BLOOMSBURG, PENNSYLVANIA 17815 / (717) 301-2512 784-4344

NUCLEAR PRODUCTS DIVISION

February 20, 1980

United States Nuclear Regulatory Commission
Division of Fuel Cycle and Material Safety
Washington, D.C. 20555

ATTN: Mr. Vandy L. Miller, Chief
Material Licensing Branch

RE: Operations Status and Personnel Change

Gentlemen:

This is to supplement the letter to you, dated February 19, 1980, signed on our behalf by Mr. Terry D. Brown.

As indicated therein, the supply of certain critical instrumentation devices for the production model of our Tritium Air Effluent Control System (ECS) has been itself delayed.

Apart from vendor delays, we have encountered difficulties during installation of a modified gas-fill production system which incorporates additional safety measures and significant efficiencies in operation. During work with this modified system, the Division has voluntarily shut down its gas-fill operations. The shut down began on January 25, 1980 and is expected to continue for approximately one week from today. We hope that instrumentation deliveries for the ECS can be expedited during shut down.

Although we have limited resources, our staff has been substantially expanded during the last several months. In respect of personnel, the Nuclear Products Division wishes to advise you that Dr. John G. MacHutchin, a pioneer in the industry, has been named Radiation Safety Officer. Mr. Terry D. Brown has moved to Project Manager, Nuclear Operations. In this position, Mr. Brown will be involved primarily in radiation safety and special marketing projects.

Dr. MacHutchin holds an advanced degree in Physical Chemistry from McGill University in Montreal, Canada. A copy of his resume is enclosed for your review.

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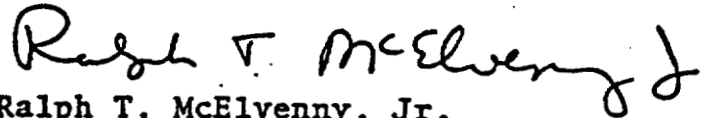
UNITED STATES RADIUM CORPORATION

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February 20, 1980

Mr. John T. Miller, formerly Manager of Technical Operations, will assume the new post of Manager, Nuclear Operations, succeeding Mr. Brown in that capacity.

Our entire group remains committed to keeping your office informed of current status and planned developments.

Very truly yours,
UNITED STATES RADIUM CORPORATION

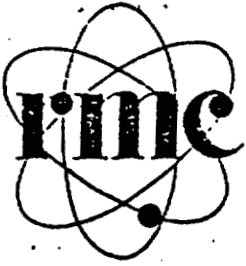


Ralph T. McElvenny, Jr.
Chairman of the Board
and Chief Executive Officer

RTM:mt

enclosure

cc: NRC License File #37-00030-08



**radiation
management
corporation**

**UNIVERSITY CITY
SCIENCE CENTER**

**3508 MARKET STREET
PHILADELPHIA, PA 19104
(215) 243-2950**

13 February 1980

Mr. Terry D. Brown
Manager, Nuclear Operations
United States Radium Corporation
4150 Old Berwick Road
Bloomsburg, PA 17815

Dear Terry:

Enclosed is information you can use in your response to Item #5 of NRC letter dated January 8, 1980. We propose to select and establish the environmental stations in March 1980. The station locations, media sampled and sampling locations should be reviewed and approved by you in sufficient time to permit sample collection to start in April 1980.

The program, as designed, is to run initially without significant changes for six months. The last three months of 1980 are to be used to make program revisions based upon review of the first six months of data and thereby permit the permanent program to be approved and started in the first week of 1981.

Please call if you have any questions about this material.

Sincerely,

C. E. McGee

Charles E. McGee, Ph.D.
Manager
Laboratory Services

CEM:pg