

November 14, 1996

The Applied Radiant Energy Corporation
James J. Myron, Ph.D.
Vice President of Safety and Regulation
Venture Drive\Forest Commercial Center
P. O. Box 289
Forest, VA 24551

SUBJECT: RESCISON OF CONFIRMATION OF ACTION LETTER OF JUNE 13, 1988
(REFERENCE LICENSE NO. 45-11496-01; 030-007079)

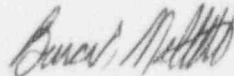
Dear Dr. Myron:

This refers to your telephone conversation (during the week of October 14, 1996) with Mr. Douglas Collins of this office concerning our letter dated October 9, 1996, which modified the terms of NRC Confirmation of Action Letter (CAL) dated June 13, 1988.

In response to your call, we have reviewed the actions specified in the June 13, 1988 CAL and have determined that the entire CAL should be rescinded. This decision is based on the following: (1) Paragraphs 2 and 3 of the CAL are no longer applicable now that the Waste Encapsulation and Storage Facility sources have been removed from your facility and returned to the Department of Energy, and (2) the actions specified in the remaining Paragraphs of the CAL (Paragraphs 1 and 4) are now required by 10 CFR 36. Therefore, effective the date of this letter the June 13, 1988, CAL is rescinded.

Should you have any questions concerning this letter, please contact us.

Sincerely,



Bruce S. Mallett, Director
Division of Nuclear Materials Safety

cc: Commonwealth of Virginia

Distribution:

PUBLIC

RII Docket File, DNMS

D. Cool, NMSS

L. Camper, NMSS

* See previous concurrence

OFFICE	RII-DNMS	RII-DNMS	RII-RC	RII-EICS		
SIGNATURE			NLO CEvans	BUR Burt		
NAME	EGWright*	CMHosey*				
DATE	11 / / 96	11 / / 96	11 / 14 / 96	11 / 15 / 96	11 / / 96	11 / / 96
COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

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The Applied Radiant Energy Corporation
ATTN: James J. Myron, Ph.D.
Vice President of Safety and Regulation
Venture Drive\Forest Commercial Center
P. O. Box 289
Forest, VA 24551

SUBJECT: RESCISON OF CONFIRMATION OF ACTION LETTER OF JUNE 13, 1988
(REFERENCE LICENSE NO. 45-11496-01; 030-007079)

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Should you have any questions concerning this letter, please contact us.

Sincerely,

Bruce S. Mallett, Director
Division of Nuclear Materials Safety

cc: Commonwealth of Virginia

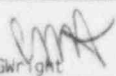

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RII Docket File, DNMS

D. Cool, NMSS

L. Camper, NMSS

OFFICE	RII DNMS	RII DNMS				
SIGNATURE						
NAME	EGWright	CM Rosey				
DATE	11 / 7 / 96	11 / 7 / 96	11 / / 96	11 / / 96	11 / / 96	11 / / 96
COPY?	YES (NO)	YES (NO)	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

DOCUMENT NAME: G:\DRSS\ARECOCAL.EW1



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W., SUITE 2900
ATLANTA, GEORGIA 30323-0199

October 9, 1996

The Applied Radiant Energy Corporation
ATTN: James J. Myron, Ph.D.
Vice President of Safety and Regulation
Venture Drive\Forest Commercial Center
P. O. Box 289
Forest, Virginia 24551

Dear Dr. Myron:

SUBJECT: PROPOSED CHANGES IN CONFIRMATION OF ACTION LETTER
(REFERENCE LICENSE NO. 45-11496-01; 030-007079)

This refers to your letter dated September 20, 1996 requesting authorization to modify the terms of Confirmation of Action Letter (CAL) dated June 13, 1988.

Based upon the fact that all WESF cesium 137 capsules have been removed from your facilities and returned to DOE, I have no objection to your proposal to discontinue weekly collection and analysis of pool water samples/discontinue daily collection and analysis of wipe test samples from sample containers and materials or equipment removed from the pool.

I further understand that you will continue continuous monitoring of the cation demineralizer bed and emergency procedures for detection of contamination as specified in items 1 and 4 of the CAL.

Please retain a copy of your letter of September 20, 1996 and our response, in your license file, for review during a future NRC inspection.

If have questions about this letter or your license, please call me at 404-331-5514.

Sincerely,

for Douglas M. Collins

Bruce S. Mallett, Director
Division of Nuclear Materials Safety

:: Commonwealth of Virginia

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lp



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, N.W.
ATLANTA, GEORGIA 30323

JUN 13 1988

*Received by hand
from Carol Connell (NRC)
6/14/88
~ 15:30*

Applied Radiant Energy Corporation
ATTN: James Myron, Ph. D.
2432 Lakeside Drive
Lynchburg, VA 24501

Gentlemen:

SUBJECT: CONFIRMATION OF ACTION LETTER
(REFERENCE: LICENSE NO. 45-11496-01; 030-07099)

This refers to your conversation with John Potter of my staff on June 10, 1988, regarding a recent cesium-137 contamination incident at Radiation Sterilizers, Inc., (RSI) Decatur, Georgia, facility. In view of the fact that your facility utilizes similar cesium-137 WESF Capsules, we discussed specific monitoring and emergency procedures for detecting similar problems at your facility. Based upon our conversation, we understand that you will:

1. Continuously monitor the irradiator pool demineralizer for cesium-137 build-up. On a daily basis ensure that your monitoring device will alarm when normal radiation levels are exceeded and that the alarm sounds at the operations console or point from which irradiator operations are being controlled. (Note: This is an existing requirement of your license.) The monitoring device should be set to alarm at pre-set levels not exceeding twice ambient background.
2. Collect pool water samples at least weekly and have them analyzed for radioactive contamination and water quality. Have results returned to you within 48 hours of sample collection.
3. Perform daily wipe tests of sample containers, materials or equipment removed from the pool and analyze the samples for radioactive contamination. Perform survey meter monitoring of hands, shoes and work clothing of personnel prior to their leaving the work area; and
4. Institute the following emergency procedures immediately upon detection of any contamination exceeding twice background and as a result of monitoring performed in compliance with items 1 - 3 above:
 - a. Discontinue the release of products until they are monitored and determined to be free of contamination and until NRC has authorized release.
 - b. Discontinue irradiation operations and close off any systems through which radioactive effluents may be released from the facility.
 - c. Establish contamination control points and ensure that personnel leaving controlled areas are free of radioactive contamination.

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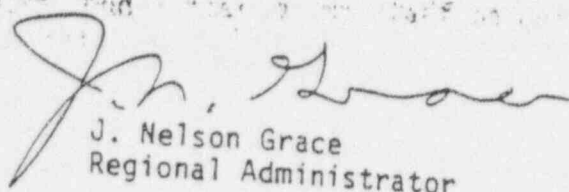
JUN 13 1988

- d. Notify NRC Operations Center (Telephone No. 202/951-0550) and Region II (Telephone No. 404/331-5089).

These actions will continue until you receive further written notice from the Regional Administrator of Region II or his designee.

Issuance of this Confirmatory Action Letter does not preclude the issuance of an order requiring implementation of the above commitments. If your understanding differs from that set forth above, please call me immediately.

Sincerely,


J. Nelson Grace
Regional Administrator

CAL NO: 45-11496-01/88-01