



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

July 5, 2000

Docket No. 03034615

License No. 06-30423-01

Ioan G. Crihan
President
Megarad, Inc.
417 East 64th Street
New York, NY 10021

SUBJECT: INSPECTION 03034615/20000001, MEGARAD, INC., NEW YORK, NEW YORK
SITE

Dear Dr. Crihan:

On June 12, 2000, John R. McGrath of this office conducted a safety inspection at the above address of activities authorized by the above listed NRC license. The inspection was an examination of your licensed activities as they relate to radiation safety and to compliance with the Commission's regulations and the license conditions. The inspection consisted of observations by the inspector, interviews with personnel, and a selected examination of representative records. The findings of the inspection were discussed in a telephone conversation with you on June 19, 2000.

Within the scope of this inspection, no violations were identified.

In accordance with Section 2.790 of the NRC's "Rules and Practices," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the Public Document Room. No reply to this letter is required.

Your cooperation with us is appreciated.

Sincerely,

Original signed by Elizabeth Ullrich

John D. Kinneman, Chief
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety

cc:
Richard Jastremski, Radiation Safety Officer
State of Connecticut

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OFFICE	DNMS/RI	N	DNMS/RI		DNMS/RI			
NAME	JMcGrath/jrm		JKinneman/jdk					
DATE	6/19/00		7/5/00					

OFFICIAL RECORD COPY

APPENDIX A INDUSTRIAL RADIOGRAPHY INSPECTION RECORD (IP 87120)											
REGION 1											
Insp. Record #	00-001		License #	06-30423-01			Docket #	030-34615			
Licensee Name	Megarad, Inc.										
Street Address	277 West Main Street										
City, State, Zip	Niantic, CT										
Location (Authorized Site) Being Inspected											
Licensee Contact Name			Ioan G. Crihan					Phone #	212-472-0840		
Priority	1	Program Code		03320		Description		Industrial Radiography			
Date of Last Inspection:			5/11/99			Date of This Inspection			6/12/00		
Type of Insp.	Announced			Routine	X	Initial					
	Unannounced		X	Special							
Next Insp. Date			Normal	X	Reduced		Extended				
Justification for change in normal inspection frequency:											
Summary of Findings and Actions											
No violations, Clear 591 or letter issued					X	Non-cited violations					
Violation(s), 591 issued				Violation(s), letter issued							
Follow up on previous violations:											
Inspector - Printed Name			John R. McGrath								
- Signature			/RA/					Date	06/19/00		
Approved - Printed Name			John D. Kinneman								
- Signature			/RA/					Date	07/05/00		

PART I-LICENSE, INSPECTION, INCIDENT/EVENT, AND ENFORCEMENT HISTORY		
1.	AMENDMENTS AND PROGRAM CHANGES	
License amendments issued since last inspection, or program changes noted in the license.		
Amendment No.	Date	Subject
None		
2.	INSPECTION AND ENFORCEMENT HISTORY	
Unresolved issues; previous and repeat violations; Confirmatory Action Letters; and orders.		
No previous violations		
3.	INCIDENT/EVENT HISTORY	
List any incidents or events reported to NRC since the last inspection. Citing "None" indicates that regional event logs, event files, and the licensing file have no evidence of any incidents or events since the last inspection.		
None		
PART II - INSPECTION DOCUMENTATION		
NOTE: References that correspond to each inspection documentation topic are in Inspection Procedure 87120, Appendix B, "Industrial Radiography Inspection References."		
<p>The inspection documentation part is to be used by the inspector to assist with the performance of the inspection. Note that not all areas indicated in this part are required to be addressed during <u>each</u> inspection. However, for those areas <u>not covered</u> during the inspection, a notation ("Not Reviewed" or "Not Applicable") should be made in each section, where applicable.</p> <p>All areas covered during the inspection should be documented in sufficient detail to describe what activities and procedures were observed and/or demonstrated. In addition, the types of records that were reviewed and the time periods covered by those records should be noted. If the licensee demonstrated any practices at your request, describe those demonstrations. The observations and demonstrations you describe in this report, along with measurements and some records review, should substantiate your inspection findings. Attach copies of all licensee documents and records needed to support violations.</p>		
1.	ORGANIZATION AND SCOPE OF PROGRAM	
Management organization; authorities and responsibilities; authorized locations of use; type, quantity, and frequency of byproduct material use; staff size; delegation of Radiation Safety Officer (RSO) functions; reporting chain-of-command; multiple field offices and temporary job sites.		

Dr. Drihan is the President of Megarad. Richard Jastremski is the Radiation Safety Officer.	
2.	MANAGEMENT OVERSIGHT
Management support to radiation safety; RSO; program audits or inspections; authorized individuals; as low as is reasonably achievable (ALARA) reviews.	
N/A	
3.	FACILITIES
Facilities as described; uses; control of access; engineering controls; separation of materials and explosives; containers labeled.	
The licensee has an arrangement with Longview Inspection to rent storage space at Longview's facility in Niantic, CT. However, Megarad has never stored material at this facility.	
4.	EQUIPMENT AND INSTRUMENTATION
Radiography devices, source assemblies, source changers, special equipment meet performance requirements; appropriate survey instruments, dosimeters, alarming ratemeters.	
N/I	
5.	MATERIAL USE, CONTROL, AND TRANSFER
Materials and uses authorized; security and control of licenses materials; and procedures for receipt and transfer of licensed material; inventories; utilization logs.	
According to the Radiation Safety Officer and President of the company, Megarad has never possessed material under this license.	
6.	INSPECTION AND MAINTENANCE
Maintenance program; daily and quarterly inspections; records of defects; source modifications; Type B packages; 10 CFR Part 21 reports.	
N/A	
7.	FIELD STATIONS AND TEMPORARY JOB SITES
Documents and records at field stations and temporary job sites; operating and emergency procedures; Agreement State licenses.	
N/A	

8.	AREA RADIATION SURVEYS AND CONTAMINATION CONTROL
Radiological surveys (instruments, perimeter, storage devices, post-exposure, post-source exchange, storage area); leak tests (frequency, sealed sources, depleted uranium devices); handling of radioactive materials; records; and public doses.	
N/A	
9.	TRAINING AND INSTRUCTIONS TO WORKERS
Interviews and observations of routine work; staff knowledge of all routine activities; Parts 19, 20, and 34 requirements; training programs, including written tests; supervisor, assistant training.	
N/I	
10.	RADIATION PROTECTION
Radiation protection program with ALARA provisions; external dosimetry (dosimeters, direct reading dosimeters, alarming ratemeters); exposure evaluations; planned special exposures; dose and survey records and reports; annual notifications to workers; bulletins and other generic communications.	
N/A	
11.	RADIOACTIVE WASTE MANAGEMENT
Storage areas; transfer; packaging; control, and tracking procedures; records.	
N/A	
12.	DECOMMISSIONING
Records relevant to decommissioning; decommissioning plan/schedule; notification requirements; cost estimates; funding methods; financial assurance; and Timeliness Rule requirements; changes in radiological conditions since decommissioning plan was submitted.	
N/A	
13.	TRANSPORTATION
Quantities and types of licensed material shipped; packaging design requirements; shipping papers; hazardous materials (HAZMAT) communication procedures; return of sources; procedures for monitoring radiation and contamination levels of packages; HAZMAT training; and records and reports.	
N/A	

14.	NOTIFICATIONS AND REPORTS						
Reporting and followup of theft; loss; incidents; overexposures; radiation exposure reports to individuals; reporting Part 21 defects and certain equipment failures.							
N/A							
15.	POSTING AND LABELING						
Notices; license documents; regulations; bulletins and generic information; area postings; and labeling of containers of licensed material; markings.							
N/A							
16.	INDEPENDENT AND CONFIRMATORY MEASUREMENTS						
Areas surveyed and measurements made; comparison of data with licensee's results and regulations; and instrument type and calibration date.							
N/A							
17.	VIOLATIONS, NCVs, AND OTHER SAFETY ISSUES						
State requirement and how and when licensee violated the requirement. For NCVs, indicate why the violation was not cited. Attach copies of all licensee documents needed to support violations.							
No violations.							
18.	PERSONNEL CONTACTED						
Identify licensee personnel contacted during the inspection (including those individuals contacted by telephone). Use # to indicate individual present at entrance meeting. Use * to indicate individual present at exit meeting.							
Name		Title	Phone No.	In Person or By phone			
Richard Jastremski		Radiation Safety Officer	860-691-4614	In person			
Ioan Crihan		President	212-472-0840	By phone			
19.	PERFORMANCE EVALUATION FACTORS						
A.	Lack of senior management involvement with the radiation safety program and/or RSO oversight.	Y		N			
B.	RSO too busy with other assignments.	Y		N			
C.	Insufficient staffing.	Y		N			
D.	RSC fails to meet or functions inadequately.	N/A		Y		N	


E.	Inadequate consulting services or inadequate audits conducted.	N/A		Y		N	
REMARKS :(Consider the above assessment and/or other pertinent Performance Evaluation Factors (PEFs) with regard to the licensee's oversight of the radiation safety program)							
20.	SPECIAL CONDITIONS OR ISSUES						
NONE	<input checked="" type="checkbox"/>	Special license conditions; year-2000 effects of computer software and embedded systems.					
N/A							
PART III - POST- INSPECTION ACTIVITIES							
1.	REGIONAL FOLLOWUP ON PEFs						
N/A							
2.	DEBRIEF WITH REGIONAL STAFF						
Post-inspection communication with supervisor, regional licensing staff, Agreement State Officer; and/or State Liaison Officer.							
3.	YEAR-2000 ISSUES						
Convey, to the NMSS Year-2000 Coordinator, all year-2000 licensee-identified problems and corrective actions taken.							

TO ADVANCE TO NEXT SECTION OF FORM - PUSH **PAGE DOWN** KEY

APPENDIX A - ATTACHMENT A DECOMMISSIONING TIMELINESS INSPECTION ATTACHMENT									
Licensee:					Date of Inspection:				
1.		COMPLIANCE WITH DECOMMISSIONING TIMELINESS RULE							
(NOTE: Repeat the answers given in Section 12 of the main body of the inspection record. The issues in subsequent sections are dependent on the answers to these questions.)									
	A.	License to conduct a <i>principal activity</i> <u>has</u> expired or been revoked:			Y		N		
	B.	Licensee <u>has</u> made a decision to permanently cease <i>principal activities</i> at the entire site, or any separate buildings, or any outdoor areas, including inactive burial grounds:			Y		N		
	C.	A 24-month duration has passed in which no <i>principal activities</i> have been conducted under the license at the site, or at any separate buildings, or any outdoor areas, including inactive burial grounds:			Y		N		
	D.	If "Yes" to either A or B or C above:							
	(1)	Identify Site/Bldg./Area:							
	(2)	Date of occurrence of A, B, or C:							
2.		NOTIFICATION REQUIREMENTS							
	A.	Licensee has provided written notification to U.S. NRC within 60 days of the occurrence of 1.A., 1.B., or 1.C. above.			Y		N		
	If "Yes," date of notification:								
	B.	If the licensee is requesting to delay initiation of the decommissioning process, the licensee <u>has</u> provided written notification to NRC within 30 days of occurrence of 1.A., 1.B., or 1.C. above:			N/A		Y		N
	If "Yes," date of notification:								
Basis for Findings:									
3.		DECOMMISSIONING PLAN/SCHEDULE REQUIREMENTS							
	A.	Licensee is required to submit a decommissioning plan per 10 CFR 30.36(g), 40.42(g), 70.38(g), or 10 CFR Part 72?			N/A		Y		N

If "No" to 3.A., answer the following items B - F:							
B.	The decommissioning work scope is covered by current license conditions.	Y		N			
C.	Decommissioning has been initiated within 60 days of notification to NRC, or NRC has granted a delay.	Y		N			
D.	If licensee has initiated decommissioning, give date the decommissioning was initiated:						
E.	If decommissioning has been completed, it was completed within 24 months of notification to NRC.	N/A		Y		N	
F.	If decommissioning is still scheduled to be completed, it is on schedule to be completed within 24 months of notification to NRC.						
		N/A		Y		N	
Basis for Findings:							
If "Yes" to 3.A., answer the following items G - J:							
G.	The decommissioning plan has been submitted to NRC within 12 months of notification.	Y		N			
If "Yes," date of submittal:							
If NRC approved, date of NRC approval:							
H.	Has the licensee submitted an alternative schedule request?	Y		N			
If "Yes," date of submittal:							
I.	If decommissioning has been completed, it was completed within 24 months after approval of the decommissioning plan.	N/A		Y		N	
J.	If decommissioning is still scheduled to be completed, it is on schedule to be completed within 24 months after approval of the decommissioning plan.						
		N/A		Y		N	
Basis for Findings:							
Violations identified, if any:							

END

TELEPHONE CONVERSATION RECORD		Date: 3/24/00	Time: 0930
Mail Control No.:	License No.: 06-30423-01	Docket No.: 030-34615	
Person Called: Mr. Crihan	Organization: Megarad	Telephone Number: 212-472-0840	
Person Calling:			
Subject: Order Revoking License			
<p>Summary: Mr. Crihan was called to ascertain the status of material under the license. Mr. Crihan claimed that he had not received the February 25 Order, so a copy was faxed to him. He stated that he has not performed any work under the license nor has he obtained any radioactive material under the license. He asserts that he should not be assessed an annual fee since he has not performed work under the license. I gave him the telephone number for the Licensee Fee Management Branch and indicated that he would have to discuss the validity of the with them.</p>			
Action Required/Taken:			
Signature: John R. McGrath 		Date: 3/24/00	

