



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
791 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

November 19, 1992

John R. Kelly, Director
Division of Health Protection
Iowa Department of Public Health
321 East 12th Street
Lucas State Office Building
Des Moines, IA 50319-0075

Dear Mr. Kelly:

This letter refers to our conversation on November 13, 1992, regarding the proposed restructuring of the Division which would allow the Chief of the Bureau of Environmental Health to concentrate more time on the radiation protection program. As you recall, in our September 4, 1992, review meeting, IDPH proposed that the Bureau Chief's responsibilities be limited to the radiation protection program. This idea was viewed positively by the NRC as the lack of management supervision was identified as a program weakness during the past three reviews.

Subsequent conversations with you have indicated that the proposed reorganization has been delayed. Please provide us with your plans regarding this important matter.

Thank you for the assistance and courtesy extended to me and to Loren Hueter of the Region III staff this past week.

Sincerely,

James L. Lynch
Regional State Agreements Officer

cc: C. Atchison, IDPH
D. Flater, IDPH
A. B. Davis, RIIE
C. Kammerer, OSP

November 3, 1992

PROJECT PLAN

ASSISTANCE TO IOWA DEPARTMENT OF PUBLIC HEALTH

Objective:

Over a six-month period, assist the Iowa Department of Public Health in the reestablishment of an adequate and compatible radioactive materials program.

NRC technical assistance over this six-month period shall consist of one half-time inspector and one half-time license reviewer from the Region III DRSS program (Total 0.5 FTE) and at least one-half of the Regional State Agreements Officer's time (0.25 FTE). The assistance will be in the form of training and direct observation of inspection activities so as to allow Iowa personnel the opportunity to learn how to properly manage and operate an effective radioactive materials program. The RSAO will act as Project Manager and will, with input from DRSS, issue a monthly progress report to the Regional Administrator, the Office of State Programs and the Executive Director for Operations.

A follow-up review will be performed by the RSAO in February 1993 to assess the efforts made by the IDPH and to determine whether continued assistance by the NRC is warranted. If appropriate State commitments have not been made by that time, NRC assistance will be terminated.

INSPECTION TRAINING

The goal of the NRC assistance project is to, over a six-month period, help IDPH establish a fully functioning inspection program capable of independently inspecting all materials licensees from a health and safety perspective. Inspection training will be conducted at the IDPH office in Des Moines and at Iowa licensee facilities. The training effort will be designed to teach Iowa personnel inspection technique, inspection program administration and to increase inspectors' technical knowledge in the various program areas. A qualification journal will be maintained for each inspector which will require concurrence by the inspector's supervisor. The supervisory oversight of the program will be a focal point of this training effort. NOTE: This training plan may be modified to reflect the addition of other inspection personnel to fill the vacancies recently approved by the Iowa Governor.

Inspection Personnel: Dan McGhee

At the end of three months, in February 1993, we anticipate that Mr. McGhee will be qualified to perform inspections of the following types of licensees:

Fixed gauges and devices * (* currently qualified)
 Portable gauges and devices *
 Diagnostic nuclear medicine *
 Radiopharmaceutical therapy
 Brachytherapy
 Industrial radiography *
 Research and development (non-broadscope)
 Self-shielded irradiators
 Nuclear pharmacies

At the end of six months, in May 1993, we expect that Mr. McGhee will be qualified to perform inspections of all categories of licenses, adding the following to the above list:

Broadscope research and development
 Teletherapy
 Well logging

Inspection personnel: Tom Wuehr

At the end of three months, we anticipate that Mr. Wuehr will be qualified to perform the following types of inspections:

Fixed gauges and devices *
 Portable gauges and devices
 Diagnostic nuclear medicine
 Industrial radiography
 Research and development (non-broadscope)
 Self-shielded irradiators

At the end of six months, we expect that Mr. Wuehr will be qualified to perform the following types of inspections in addition to the above list:

Radiopharmaceutical therapy
 Brachytherapy

Technical assistance for all inspection matters will be handled by Jim Lynch, RSAO.

LICENSING TRAINING

The goal of the NRC assistance project is to, over a six-month period, help IDPH establish a fully functional licensing program capable of independently licensing all but the most complex licenses in their materials program. The training effort will be designed to teach Iowa personnel licensing technique, develop the licensing administration program and to increase knowledge of applicable health physics issues. Approximately one week-long trip per month will be made by Region III licensing staff to Des Moines.

IDPH personnel will also be trained at the Region III office several days each month, as needed. Additional training will be performed through the use of telephone, mail and facsimile critiquing of licensing actions. A qualification journal will be maintained for each reviewer and signed off by the reviewers' supervisor.

Licensing Personnel: Dan McGhee

At the end of three months, in February 1993, we anticipate that Mr. McGhee will be qualified to perform new, renewal and amendment actions for the following license categories:

Fixed gauges and devices *	(* currently qualified)
Portable gauges and devices *	
Diagnostic nuclear medicine	
Radiopharmaceutical therapy	
Brachytherapy	
Teletherapy	
Industrial radiography	
Self-shielded irradiators	

After six months, in May 1993, Mr. McGhee should be able to complete licensing actions for the following types of licenses in addition to those above:

- Well logging
- Nuclear pharmacies
- Research and development (non-broadscope)

Licensing Personnel: Tom Wuehr

After three months, Mr. Wuehr is expected to be qualified to complete licensing actions for the following categories of licenses:

- Fixed gauges and devices
- Portable gauges and devices
- Diagnostic nuclear medicine
- Self-shielded irradiators

In six months, Mr. Wuehr should be able to license the following additional categories:

- Radiopharmaceutical therapy
- Brachytherapy
- Industrial radiography

Licensing Personnel: Charlene Rogers

Ms. Rogers will be trained to license gauge programs and to assist the other reviewers by independently completing minor amendments such as name changes, addition of users and possession limit increases.

It is expected, after the six-month assistance period, that IDPH personnel will be capable of licensing most of the programs in Iowa. Future assistance for a few complex programs such as broadscope research and development licenses and nuclear laundries will be coordinated by the RSAO. If licensing casework involving complex programs is due to be completed in the next six months, and Iowa staff is not yet qualified, Region III staff will perform the necessary reviews involving the IDPH staff as appropriate. These actions will be signed by the program supervisor.

Technical assistance (licensing) contacts for IDPH are as follows:

Gauges-	Debbie Piskura
Medical-	Bob Gattone
Radiography-	John Madera
Pharmacies-	Loren Hueter
R & D-	Sandy Frazier

SCHEDULE

The following is a proposed training schedule through February 1993. Additional assistance with regard to program management will be provided as needed. Additional consultant training will also be scheduled by the IDPH.

October 28-30, 1992

Licensing training by Mike McCann and Kevin Nell for nuclear medicine, radiation therapy, fixed gauges and devices and portable gauges.

November 9-13, 1992

Licensing training by Loren Hueter for nuclear pharmacies including a renewal review with site visit.

November 12-13, 1992

Inspection training by Jim Lynch including a review of inspections performed since the last program assessment. Review of consultant procedure development. Review of program management.

November 23-25, 1992

Inspection training for gauges and diagnostic nuclear medicine programs by Jim Lynch at licensee facilities.

November 1992

Licensing training for portable and fixed gauges via mail by Debbie Piskura.

December 9-11, 1992

Licensing training for nuclear medicine, brachytherapy and mobile nuclear services by Bob Gattone.

December 16-18, 1992

Inspection training for nuclear medicine, radiopharmaceutical therapy, brachytherapy, research and development, self-shielded irradiators by Jim Lynch.

January 6-8, 1993

Inspection training for industrial radiography, research and development and teletherapy by Jim Lynch.

January 11-15, 1993

Licensing training for industrial radiography and teletherapy by Debbie Piskura.

January 20-22, 1993

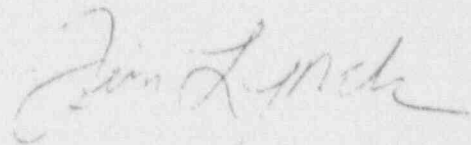
Inspection training for nuclear pharmacies by DRSS inspector.

February 8-12, 1993

Licensing training for research and development by Peter Lee and Sandy Frazier.

February 22-26, 1993

Follow-up review of Iowa program by Jim Lynch.



November 18, 1992

- **Schultz**
- **NRC License Training**
- **NRC Inspection Training**

Month of <u>October</u> Year <u>1992</u>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	5 Accompanied Inspections Jim Lynch - Wuehr, McGhee	6	7	8	9	
	12 Independent Inspections	13	14	15 DAEC Drill and Emergency Response Training	16	
	19 Independent Inspections	20	21	22 DAEC Drill and Emergency Response Training	23	
	26	27	28 NRC License Training (McCann/Null) N. Med., Therapy, Fixed Gauge, Portable Gauge	29	30	

Month of <u>November</u> Year <u>1992</u>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	2 Schantz Contract In Effect	3	4	5	6	
	8 NRC License Training (Huster - McGhee/Wuehr) Nuc. Pharmacies	10	11	12 NRC Informal Progress Jim Lynch	13	
	16 License Training Via Mail (Piskura - Portable Gauge & Fixed Gauge by 1/30/92)	17	18 Draft Inspection Manual from Schantz to Flater for Review & Final by 1/1/93	19 DAEC Drill	20	
	23 Schantz to Review Paperwork System NRC Inspections (Lynch/Wuehr)	24	25	26 HOLIDAY	27 HOLIDAY	
	30 Schantz Training For Inspections					

Month of <u>December</u> Year <u>1992</u>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 Schultz Training for All Staff	2 Inspections	3	4	
	7	8 DAEC Drill Dress Rehearsal	9 NRC License Training (Gatone- McGhee) Medicals	10	11	
	14	15 Draft Staff Qualification Journal Due (Schultz) DAEC Exercise	16 Schultz Training for Policy - All Staff	17 Enforcement	18	
	21	22	23	24	25 HOLIDAY	
	28	29	30	31		

Month of <u>January</u> Year <u>1993</u>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 HOLIDAY	
	4 McGhee to Accompany NRC Region III Staff (Cameron) on Iowa & Wisconsin Inspection	5	6	7	8	
	11 NRC License Training (Piskura) Industrial Radiography & Teletherapy	12	13	14	15	
	18 HOLIDAY	19	20	21	22	
	25 Schultz Inspection Field Evaluation RAM Field Staff	26	27	28	29	

Month of February		Year 1993				
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3 Inspection Training (Lynch - McGhee) Med., NV, Brachytherapy & Self Shielded IR	4	5	
	8 License Training (Frazier/Lee) Research & Development	9	10	11	12	
	15	16	17	18	19	
	22 NRC Follow-Up Review (Lynch)	23	24	25	26	

Month of <u>March</u> Year <u>1993</u>						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	
	8 Inspection Training (Lynch) NP, Radiophar. Therapy	9	10	11	12	
	15	16	17	18	19	
	22	23	24	25	26	
	29	30	31			