

February 10, 2004

Gary N. Wright, Assistant Director
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, IL 62704

Dear Mr. Wright:

A periodic meeting with Illinois was held on January 20, 2004. The purpose of this meeting was to review and discuss the status of Illinois' Agreement State program. The NRC was represented by Geoffrey Grant, Marc Dapas, Richard Blanton and me.

I have completed and enclosed a general meeting summary, including any specific actions that will be taken as a result of the meeting.

If you feel that our conclusions do not accurately summarize the meeting discussion, or have any additional remarks about the meeting in general, please contact me at (630) 829-9661, or e-mail to JLL2@NRC.GOV to discuss your comments.

Sincerely,

/RA/

James L. Lynch
State Agreements Officer

Enclosure: As stated

cc w/encl: P. Eastvold, IEMA
J. Klinger, IEMA
P. Lohaus, STP
R. Blanton, STP
O. Siurano, STP
G. Grant, RIII
M. Dapas, RIII

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AGREEMENT STATE PERIODIC MEETING SUMMARY FOR ILLINOIS

DATE OF MEETING: JANUARY 20, 2004

ATTENDEES:

NRC

Geoff Grant
Marc Dapas
Jim Lynch
Richard Blanton

STATE

Bill Burke
Gary Wright
Paul Eastvold
Joe Klinger
Daren Perrero
Gibb Vinson
Gary McCandless
Mike Parker

DISCUSSION:

The recommendation in Section 5.0 of the 2001 Illinois final IMPEP report is summarized below, followed by a summary of actions in response to the finding.

1. **Recommendation:** The review team recommends that the State adopt the regulations, or other legally-binding requirements, which are overdue for adoption. (Section 4.1.2)

Current Status: Some progress has been made in the development of regulations. Medical training, industrial radiography and well logging regulations were submitted to NRC for compatibility reviews. The NRC reviewed the proposed regulations and provided comments to the State. Other regulations, including medical (10 CFR Part 35 equivalent) are in various stages of development. It is recommended that this comment remain open.

Organization

In July 2003, the Illinois Department of Nuclear Safety became a division of the Illinois Emergency Management Agency (IEMA). Although changes were made to the organizational structure, the basic radiation control program remained intact. Bill Burke, IEMA Director, indicated during the meeting that Gary Wright, Assistant IEMA Director, remains as the main contact and responsible party for the radiation control program.

The reorganization under IEMA resulted in most of the radioactive materials program functions residing in the Bureau of Radiation Safety. Some programs, such as decommissioning and financial surety are located in the Bureau of Environmental Safety. According to IEMA management, both Bureaus work cooperatively together and resources from one may be used to assist the other, if needed. An internal policy memorandum describes the relationship between the Bureaus.

Daren Perrero, was officially named Supervisor of the Radioactive Materials Inspection and Enforcement program. Mr. Perrero had been acting in that position.

Radiation Control Program Staffing

A well-trained, experienced staff remains a strength of the Illinois radiation control program. The licensing and inspection staffs are similar to that seen during the last IMPEP review. David Price was transferred to the licensing section to fill the slot vacated by Daren Perrero. Five of the six materials inspectors are located in the West Chicago office, as the bulk of the inspection load is in the Chicago area. Illinois has approximately 740 specific licensees.

Training

A training matrix was developed for all employees to track their training history. Formalized training requirements were developed for license reviewers. Similar requirements have been drafted for inspectors, and will be utilized if a new inspector is hired.

Joe Klinger is a member of the IMPEP Sealed Source and Device performance indicator working group. IEMA management was encouraged to continue to support the IMPEP program to share Illinois expertise and to strengthen staff skills and perspectives.

Inspections

Illinois inspection frequencies are at least as frequent as NRC's. Only three inspections are currently overdue. (Note: The overdue inspections were completed by the time of meeting minutes issuance.)

The December 2003 revision of NRC Inspection Manual Chapter 2800 "*Materials Inspection Program*" was discussed in detail. The State was advised to pay particular attention to those routine inspection frequencies which were changed for various types of licensees. In addition, the initial inspection frequency was simplified to one year after license issuance, regardless of whether the licensee has received radioactive material.

Licensing

No significant licensing backlogs exist.

IEMA has chosen not to extend expiration dates to 10 years as the NRC does. They will keep the 5-year license term currently used. An expedited license renewal program is under consideration.

Financial assurance obligations are reevaluated every two years. A licensee may get a bye for one review, if it indicates that no changes have occurred in the organization which would warrant a reevaluation. If the licensee does not provide an updated surety evaluation for the second review (four years), the license is subject to termination.

As required by State law, IEMA notifies local authorities upon receipt of an application for a new license. IEMA experience has shown that local authorities check the legitimacy of the applicant, if not a known entity.

Self Assessments

The value of programmatic self assessments was discussed during the meeting. Currently, IEMA managers perform substantial oversight of the program and have initiated self assessments of several program components. NRC encourages States to perform self assessments, which may use the IMPEP tools available on the Office of State and Tribal Programs website.

IEMA uses a customer feedback program to improve inspection and licensing services. After each inspection and licensing action, a feedback form is mailed to the licensee. This has proved to be a very beneficial tool for the State.

Regulations

The State has made progress in addressing the backlog of compatibility-required regulations. Final medical training and experience regulations became effective in June 2003. Proposed industrial radiography and well logging regulations were submitted to NRC in November 2003. Medical and irradiator regulations are in process. Additional regulation amendments are planned.

Security

The current security advisories, orders, and the proposed 274i agreements were discussed in detail. Illinois intends to enter into a 274i agreement with the NRC to inspect materials licensee compliance with NRC-ordered additional security measures. Joe Klinger is the Safeguards information manager for the Bureau and has implemented adequate controls over Safeguards information.

At the request of the U.S. Department of Homeland Security, Mr. Klinger, in January 2004, participated in a Focus Group meeting in Washington, D.C., consisting of 15 state employees. The Group reviewed two draft documents prepared by the Consequence Management Site Restoration/Decontamination and Cleanup Subgroup of the U.S. Department of Homeland Security's Radiological Dispersal Device/Improvised Nuclear Device Working Group. The draft documents address policy for site cleanup following an RDD/IND incident.

Incidents

IEMA staff communicates reportable incidents promptly to the NRC Operations Center and Region III. Daren Perrero or Joe Klinger input incident information directly into the Nuclear Materials Events Database (NMED) as incidents occur. Since the last Periodic Meeting in September 2002, 70 incidents were reported to NMED, many of them scrap or landfill alarms. A review of NMED identified timely and quality input of incidents.

One abnormal occurrence involving a medical event was reported by the State. A comprehensive abnormal occurrence report was prepared by IEMA and sent to NRC for inclusion in the annual report to Congress.

The NRC representatives were provided a tour of IEMA's emergency response center during the Periodic Meeting.

Allegations

One allegation was transferred to Illinois from NRC since the last Periodic Meeting in September 2002. The allegation involved potential radioactive material contamination. IEMA staff investigated the allegation and took prompt, appropriate action. Investigation results were provided to the Regional State Agreements Officer.

Licensee Updates

Information on current NRC activities in Illinois was shared with IEMA staff. Updates were provided regarding Honeywell, Inc. for which jurisdiction was transferred to Region II, and the Department of Veterans Administration Master Materials License which covers several facilities in Illinois.

The Kerr-McGee decommissioning project continues in West Chicago. The factory site decommissioning is anticipated to be completed by July 2004. Groundwater remediation will continue for several years. Only two or three residences remain to be remediated as does the waste water treatment plant. Clean-up of Kress Creek will commence this year and is planned through 2008. The total decommissioning project cost is estimated to be \$650 million.

Sealed Sources and Devices

Gibb Vinson is on the Sealed Source and Device guidance working group. Joe Klinger is a member of the IMPEP Sealed Source and Device performance indicator working group which develops criteria for IMPEP reviews of SS&D programs.

The SS&D workload in Illinois has decreased significantly, as two major manufacturers moved operations to different States. Approximately four or five SS&D amendments are issued annually.

CONCLUSIONS:

The Illinois Radiation Control Program appears to be a strong, stable Agreement State program. Staff has remained consistent for many years and the training level for staff members is good.

The State's radiation control program remained intact with the reorganization into IEMA.

IEMA will continue efforts to adopt regulations required for compatibility.

During the 2001 MRB meeting, it was recommended that the next IMPEP review be scheduled in four years. Those present at this meeting agreed to schedule the review as planned, in FY 2005.