

July 14, 1999

Mr. Oliver D. Kingsley
President, Nuclear Generation Group
Commonwealth Edison Company
ATTN: Regulatory Services
Executive Towers West III
1400 Opus Place, Suite 500
Downers Grove, IL 60515

SUBJECT: NRC RADIATION PROTECTION INSPECTION REPORT 50-373/99011(DRS);
50-374/99011(DRS)

Dear Mr. Kingsley:

On June 18, 1999, the NRC completed a routine inspection at the LaSalle Nuclear Generating Station, Units 1 and 2. The enclosed report summarizes the results of this inspection. No violations of NRC requirements were identified.

The inspection was an examination of activities conducted under your license as they relate to radiation safety and to compliance with the Commission's rules and regulations and with the conditions of your license. Specifically, the inspection focused on the solid radioactive waste (radwaste) management and transportation programs including the processing, classification and packaging of waste for burial at a licensed disposal site, and recent audits relative to these areas. In addition, we reviewed the radiological plans and preparations completed in support of the pending hydrogen addition program for Unit 1. Within these areas, the inspection consisted of selective examinations of procedures and representative records, observations, independent measurements, and interviews with plant personnel.

Overall, the solid radwaste management and transportation programs were effectively implemented. In particular, the scaling factor program for determining the concentration of radioactive materials in waste streams was comprehensive and included refinements which enhanced your waste classification capabilities. We concluded that radioactive waste streams were processed into solid, dewatered forms in accordance with the process control program (PCP) and that radwastes were characterized, packaged, and shipped in accordance with NRC and Department of Transportation (DOT) requirements and station procedures. We also concluded that supervisory involvement and oversight of vendor waste processing activities was effective, that audits of the waste processing and transportation programs were properly focused and of sufficient scope and depth to assess program performance, and that adequate radiological preparations were completed to support the hydrogen addition program.

However, some deficiencies were identified during the inspection. For example, we identified that a radiation protection technician that provided job coverage during a spent resin transfer evolution was not aware of the radiation work permit requirements, and that the station radiation protection staff was not well versed in the computations performed by the computer code used

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to classify waste shipments. Also, deficiencies were identified with the consistency between the Updated Final Safety Analysis Report and current waste processing activities. Your staff acknowledged these problems and was considering actions to address them.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room.

We will gladly discuss any questions you have concerning this inspection.

Sincerely,

Original /s/ G. L. Shear

Gary L. Shear, Chief
Plant Support Branch

Docket Nos. 50-373; 50-374
License Nos. NPF-11; NPF-18

Enclosure: Inspection Report 50-373/99011(DRS); 50-374/99011(DRS)

cc w/encl: D. Helwig, Senior Vice President
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