



**Commonwealth Edison**  
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 Chicago, Illinois 60690

March 30, 1982



Mr. A. Schwencer, Chief  
 Licensing Branch #2  
 Division of Licensing  
 U. S. Nuclear Regulatory Commission  
 Washington, DC 20555

Subject: LaSalle County Station Units 1 & 2  
 III.A.2 Improving Licensee Emergency  
 Preparedness Long Term, Meteorological  
 and Dose Assessment Capabilities  
NRC Dockets 50-373 and 50-374

References (a): NUREG 0519 Supplement No. 2  
 SER For LaSalle County Station  
 Chapter 22, Item III.A.2

(b): LaSalle County Station Unit 1  
 Facility Operating License  
 NPF-11 DRAFT dated 3-19-82  
 Items 2.C.28(r)(4)(ii) and (iii)

Dear Mr. Schwencer:

The purpose of this letter is to provide information on meteorological and dose assessment capabilities, as required in Reference (a) and (b).

These references state, in part, that:

"The licensee shall provide the interim meteorological improvement and shall provide the mechanism for long-term improvements over a staged implementation schedule as follows:

1. Prior to exceeding five percent power, the licensee shall install a process computer with the capability to retrieve a meteorological information that provides a redundant means for data access.
2. Prior to exceeding five percent power, the licensee shall commit to the meteorological and dose assessment capability to meet the guidance of Appendix 2, NUREG-0654, Revision 1, as follows:

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- a. a functional description of upgraded capabilities by April 1, 1982, which includes measurements from a primary and backup system, assessment using a dose calculational methodology with a Class A transport and diffusion module, and remote access capability for transfer of meteorological and dose assessment information to appropriate offsite agencies (including NRC);
  - b. installation of hardware and software capability described by above July 1, 1982; and
  - c. full operational capability described above by January 1, 1983.
3. Prior to April 1, 1982, the licensee shall include a description of the dose calculational methodology with a Class A transport and diffusion module, and a description of an acceptable meteorological measurement preventative and corrective maintenance program in the radiological emergency plan."

Item 1 above has been accomplished at LaSalle County Station. Item 2a, a functional description of upgraded capabilities, is provided in the enclosed report.

Commonwealth Edison Company  
Offsite Dose Calculation System  
"A Meteorological Monitoring, Offsite  
Dose Calculation Program for Emergency  
Preparedness at Operating Nuclear Power  
Plants" dated February, 1982, Rev. 3.

Item 3 has been prepared and is in the final stages of review prior to distribution.

If there are any further questions in this matter, please contact this office.

Very truly yours,

*CW Schroeder* 3/30/82

C. W. Schroeder  
Nuclear Licensing Administrator

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Enclosure

NRC Resident Inspector - LSCS