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August 12, 1988

Office of Nuclear Reactor Regulation U.S. Nuclear Regulatory Commission Attn: Document Control Desk Washington, DC 20555

> Subject: LaSalle County Station Unit 2 Transmittal of Information Requested by US NRC NRC Docket No. 50-374

References (a): Letter dated August 11, 1988 transmitting Information Requested by USNRC.

(b): See Enclosure 1

Dear Sir:

At the request of the Nuclear Regulatory Commission, Commonwealth Edison Company (CECo) has been instructed to provide data to Brookhaven National Laboratory (BNL) to further analyze the March 9th event at LaSalle County Station. Nuclear Fuel Services Department of CECo is coordinating this data transmittal. A listing of the required data for the RAMONA-3B calculations is 1; .ed in Attachment 1. All non-proprietary data necessary to fulfill the Attac ment 1 requirements is provided as Attachment 2. All proprietary data (with GE's affidavits certifying the proprietary nature of the data) has been supplie' in Reference (a).

If you any questions regarding this matter, please contact this office.

ery truly yours,

C. M. Allen Nuclear Licensing Administrator

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Attachment

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PNU

A001 CHANGE ENCL NSIC INP NRC PDR INP

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ATTACHMENT 1

REQUIRED LASALLE UNIT 2 DATA FOR RAMONA-3B CALCULATIONS

I. Fuel Assembly Data

- A. Geometry/Material Data rod/cladding/bundle/control rod dimensions, material compositions and enrichment by fuel rod.
- B. Burnable poison arrangement (radial/axial), geometry and poison loading.

II. Core Neutronic Data

- A. Core radial/axial power distribution Core radial/cxial exposure distribution Core radial/axial void-bistory distribution Core axial void distribution
- B. Control rod pattern
- C. Fuel loading roo
- D. Void, Doppler and moderator reactivity coefficients
- E. 3-D modal exposure and void-history distributions

III. Thermal Hydraulic Data

- A. P1-3 thermal limits evaluation print-out
- B. Fuel bundle-wise orificing/flow distributior
- . Bypass/core flow split
- D. Downcomer liquid level
- E. Feedwater flow and temperature
- F. Carryunder fraction
- G. Steam dome pressure
- H. Steam flow
- I. Recirculation loop flow
- J. Recirculation and jet pump characteristics
- K. Vessel internals-riser/separator volumes, elevations, etc.
- L. MSIV and SRV parameters
- M. Core pressure drop
- N. Power/flow operating map

IV. Transient Data

- A. Detailed sequence of events
- B. Core flow and power vs. time
- C. Fiedwater flow/temperature vs. time
- D. Recirculation drave flow and pump speed vs. time
- E. Steam dome pressure vs. time
- F. Downcomer liquid level vs. time
- G. LPRM locations and response vs. time