

DCS

50-341

JUN 06 1984

Mr. Donald J. Wilson, Director,  
Electrical Engineering  
Detroit Edison Company  
2000 Second Avenue  
Room 261 ECT  
Detroit, Michigan 48226

Dear Mr. Wilson:

SUBJECT: Case Study Report - Operating Experience Related  
to Moisture Intrusion in Electrical Equipment at  
Commercial Power Reactors

Following resolution of peer review comments, we have completed the enclosed study of moisture intrusion in electrical equipment at commercial power reactors.

The report provides: (1) a review of the operating events related to moisture intrusion in electrical equipment at commercial power reactors; (2) an analysis and evaluation of these operating events; and (3) recommendations that, if implemented, could reduce or prevent most of the failures reported.

The recommendations contained in this report are under review within the Nuclear Regulatory Commission. The report is being forwarded for your information and use as you deem appropriate.

If you have any questions regarding this report, please contact Medhat El-Zeftawy of my staff. Mr. El-Zeftawy can be reached at (301) 492-4434.

Sincerely,

Original signed by:  
C. J. Heltemes, Jr.

C. J. Heltemes, Jr., Director  
Office for Analysis and Evaluation  
of Operational Data

Enclosure:  
As stated

cc: See page 2

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OPERATING  
EXPERIENCE

Mr. Donald J. Wilson

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JUN 06 1984

cc w/o enclosure:

Dr. David Rossin, Director  
Nuclear Safety Analysis Center

Dr. Zack T. Pate, President  
Institute of Nuclear Power Operations

Mr. C. R. Dietz, General Manager  
Brunswick Steam Electric Plant  
Carolina Power & Light Co.

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