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 RECIP. NAME: BUTLER, W. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Forwards Rev 0 to "High Energy Line Break: Evaluation Rept: (Effect on Nonsafety-Related Control Components)," per NRC request for Addl Info 421.43 & SER Confirmatory Item 27. Event being evaluated. Supplemental rept expected by 851215. *see Rept 5*

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November 19, 1985
(NMP2L 0535)

Dr. Walter Butler, Chief
Licensing Branch No. 2
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Dear Dr. Butler:

Re: Nine Mile Point Unit 2
Docket No: 50-410

Enclosed are ten copies of the NMP2 High Energy Line Break Evaluation Report (Effect on Nonsafety-Related Control Components). This report is provided in response to the NRC's request for additional information 421.43 and Safety Evaluation Report Confirmatory Item No. 27.

As noted in Section 3.0 of the report, a High Energy Line Break in the turbine building has been identified that could result in a feedwater temperature reduction transient that is more severe than that analyzed in FSAR Chapter 15. This event is currently being evaluated, and the results will be provided as a supplement to the enclosed report by December 15, 1985.

A plant walkdown is planned to verify actual physical locations of the control system components considered in the study. Any additional identified findings will be evaluated and addressed in the supplement to the report.

Very truly yours,

C. V. Mangan

C. V. Mangan
Senior Vice President

BB/r1a
1087G
Enclosure

xc: R. A. Gramm, NRC Resident Inspector
Project File (2)

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THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES
DEPARTMENT OF CHEMISTRY

REPORT OF THE COMMITTEE ON
THE PROGRESS OF CHEMISTRY

The Committee on the Progress of Chemistry was organized in 1946 to study the progress of chemistry in the United States and to report to the National Academy of Sciences. The Committee has held numerous public hearings and has received many suggestions from chemists and the public. The following is a summary of the Committee's findings and recommendations.

The Committee has found that the progress of chemistry in the United States has been remarkable since the end of the Second World War. There has been a rapid increase in the number of chemists, particularly in the areas of organic and physical chemistry. There has also been a significant increase in the amount of research and development in chemistry, particularly in the areas of atomic energy, space exploration, and the development of new materials.

The Committee has identified several areas where the progress of chemistry is being hindered. These include the shortage of trained chemists, the lack of adequate facilities for research and development, and the need for more effective communication between chemists and the public. The Committee has made several recommendations to address these problems, including the establishment of a National Center for Chemical Education, the creation of a National Institute for Chemical Research, and the development of a national system of chemical education.

COMMITTEE ON THE PROGRESS OF CHEMISTRY
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