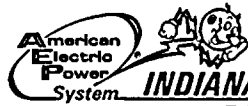


ODC



**INDIANA & MICHIGAN POWER COMPANY**

DONALD C. COOK NUCLEAR PLANT  
P.O. Box 458, Bridgman, Michigan 49106  
(616) 465-5901

October 29, 1979

Mr. J.G. Keppler, Regional Director  
Office of Inspection and Enforcement  
United States Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, IL 60137

Operating License DPR-58  
Docket No. 50-315

Dear Mr. Keppler:

Pursuant to the requirements of the Appendix A Technical Specifications  
the following report/s are submitted:

RO 79-051/03L-0

Sincerely,

D.V. Shaller  
Plant Manager

/bab

- cc: J.E. Dolan
- R.W. Jurgensen
- R.F. Kroeger
- R. Kilburn
- R.J. Vollen BPI
- R.E. Masse RO:III
- R.C. Callen MPSC
- P.W. Steketee, Esq.
- R. Walsh, Esq.
- G. Charnoff, Esq.
- G. Olson
- J.M. Hennigan
- PNSRC
- J.F. Stietzel
- E.L. Townley
- Dir., IE (30 copies)
- Dir., MIPC (3 copies)

**DUPLICATE**

Acc 2  
5/11

7911020385

NOV 1 1979



The first part of the document  
 discusses the general principles  
 of the system. It covers the  
 basic concepts and the  
 objectives of the project.

The second part of the document  
 describes the implementation  
 details. It includes the  
 hardware requirements and  
 the software configuration.

The third part of the document  
 provides a detailed description  
 of the system architecture.  
 It shows the flow of data  
 and the interaction between  
 the various components.

The fourth part of the document  
 discusses the testing and  
 validation process. It  
 describes the test cases  
 and the results of the  
 testing.

The fifth part of the document  
 discusses the future work  
 and the conclusions of the  
 project.

The sixth part of the document  
 discusses the future work  
 and the conclusions of the  
 project. It includes the  
 recommendations for further  
 research and the final  
 conclusions of the project.