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October 1, 1980

Mr. John F. Stolz, Chief Systems Interaction Branch Division of Systems Integration U. S. Nuclear Regulatory Commission Washington, D.C. 20555

Dear John:

Enclosed for your information are ten (10) copies of our draft report on "Review of Systems Interaction Methodologies". This report represents the initial milestone in the systems interaction program that we are conducting for you.

Since the time available to us for the preparation of this report was quite limited, we will continue to develop the thoughts and recommendations of the report, particularly in the areas related to the development of the recommended methodology and on the development of a file of systems interactions that have actually been observed.

We look forward to reviewing this report with you and the other contractors on October 21, 1980. In the meantime we would be happy to hear any comments that you or your staff may have.

Sincerely,

the Cylusters

Peter Cybulskis

PC/11j

Enclosures

- cc: F. Coffman, NRC
 - R. Bari, Brookhaven Natl. Lab
 - J. Lim, Lawrence Livermore Labs
 - J. Hickman, Sandia Labs
 - R. Widrig, Battelle, Pacific-NW

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