National Aeronautics and Space Administration Washington D.C.

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Dr. Kevin Cornell Deputy Executive Director for Operations U. S. Nuclear Regulatory Commission Washington, DC 20555

Dear Dr. Cornell:

In accordance with your request dated October 10, 1980, we have reviewed the proposal submitted to you by the Sandia National Laboratory for implementation of a Nuclear Data Link (NDL) to monitor the nation's nuclear reactor facilities.

The attached report covers a wide variety of topics, and contains several specific recommendations on the technical approaches for systems design, implementation schedule, and software development. An independent cost estimate is also provided.

This report concludes our contribution to you in this endeavor. We appreciate having had the opportunity to assist in this very interesting concept.

Sincerely,

Anthony J.

Anthony J. Malio Associate Administrator for

Space and Terrestrial Applications

Enclosure

A/Dr. Frosch AE/Mr. Ward EB/ Mr. Bishop EC/Mr. Lovell ECD/Mr. Bracken