



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, D. C. 20555

May 6, 1980

The Honorable Victor Gilinsky  
Commissioner  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: NUCLEAR DATA LINK

Dear Dr. Gilinsky:

In response to your letter of March 7, 1980, the ACRS met with members of the NRC Staff on April 10, 1980 to discuss the proposed Nuclear Data Link (NDL). The Committee also discussed the NDL at its meeting May 1-3, 1980. The Subcommittee on Power and Electrical Systems also met with members of the NRC Staff on April 9, 1980.

You have expressed concern that the NDL may "shape the NRC's role in an emergency into something other than what is now intended." Based on our conversation with members of the NRC Staff, we do not believe the intended role of the NRC is yet well defined. We do not believe that the existence of some type of data link will in itself distort NRC's role.

In our discussions with the Staff, certain activities associated with the functioning of the NRC Operations Center in Bethesda were described which would benefit from some system which would provide a greater variety and more accurate data on plant status and performance than are now available. We agree that some such system should be provided.

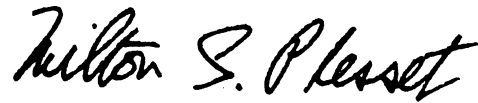
The proposed system is likely to be large, expensive to install and operate, and might take ten years to put into operation. We are not convinced that a system this elaborate is needed. We suggest that a less elaborate system be installed at first, involving perhaps only one or a few plants. This would provide some experience with data links and would permit the role of the NRC to be better defined before the final system is specified. It is our view that successful operation of a system that will perform well in an emergency will require a carefully written functional description and related performance specifications.

We recommend that some type of data link be installed, but we suggest that an early installation considerably less elaborate than the one described

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to us should be installed initially in order to gain experience needed to specify a final system. At the same time, a more specific definition of the role of NRC in an emergency should be developed.

Sincerely,

A handwritten signature in black ink that reads "Milton S. Plesset". The signature is written in a cursive style with a large, stylized 'M' and 'P'.

Milton S. Plesset  
Chairman

cc:  
Chairman Ahearne  
Commissioner Kennedy  
Commissioner Hendrie  
Commissioner Bradford