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NRC-EAST/WEST-W2

NO. 011

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TO: TIM MARTIN, RI

FROM: JOHN HICKMAN, HQ

FOR: MEETING WITH MASS.

ONE PAGE FOLLOWS

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System Concept:

The Emergency Response Data System concept is a direct electronic data line to the electronic data systems of nuclear power facilities for use only during emergencies at the facilities. The data to be transmitted would be a limited set most likely available on the existing emergency data computers at the sites. NRC would accept the data in the transmission format and at the update frequency most convenient to the licensee and the licensee would control activation of the system.

Current Status:

An ERDS Requirements Analysis is currently in progress primarily being conducted by a contractor. The requirements analysis effort consists of visits to the licensees by NRC staff to reflect agency policy and by contractor staff to determine the design of the data systems on site and the availability of the data to be provided to the NRC. A system design will be developed as well as detailed equipment specifications and cost estimates. The site visits have been completed and a system design report is expected in February 1987.

Projected Implementation:

Implementation of the ERDS system is expected to begin near the end of FY 1987. Prioritization of plants has not been done yet, but the criteria is expected to include: ease of implementation/cost, cooperativeness of licensee, and operational history of the facility. Only limited plant connections are expected the first year due to high initial costs for the processing hardware and software at Headquarters.