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10. Grid Stability

Minutes of 197th ACRS Meeting

September 9-11, 1976

D. Millstone-2: Load Shedding

D. G. McDonald, NRC Staff, identified the sequence of events that occurred at the Millstone facility on July 5 and July 21 during a load shedding operation. The safety significance of these events, and the actions taken by both the licensee and the NRC Staff. The events resulted in the following conditions:

- o a sustained degraded grid voltage, approximately 93% of normal, blown control fuses in the 480 volt motor control center, erroneous incorrect setting of the under voltage trip set point, and
- o failure of the diesels to properly sequence the load zone (for details of the effects of the conditions, and the remedial actions taken, see Appendix XVIII). He stated that NRC Staff has met with the five operating utilities in order to determine all of the conditions which were involved in this particular problem. The NRC Staff has also issued a detailed request for additional information to aid in the assessment and the formation of a basis for the generic aspects of the problem.

The discussion of the Millstone problem was not completed at this meeting; it will be scheduled for ^{cont} continuation at the 198th ACRS Meeting.

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