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**TU ELECTRIC**

November 16, 1992

William J. Cahill, Jr.  
Group Vice President

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES) - UNIT 1  
DOCKET NO. 50-445  
ROD CLUSTER CONTROL ASSEMBLY (RCCA)  
INSPECTION SCHEDULE

REF: TU Electric letter logged TXX-90132 from W. J. Cahill, Jr.  
to U. S. NRC dated April 6, 1990

Gentlemen:

As a result of accelerated wear of the upper internals of Rod Cluster Control Assemblies (RCCA) at some Westinghouse plants, Westinghouse recommended repositioning the RCCAs from the previous fully withdrawn position of 228 steps, to a range from 222 to 231 steps. This periodic repositioning was designed to mitigate the effects of RCCA wear by spreading the wear scar over a 10 step interval. In order to assess the effectiveness of single step repositioning as a wear mitigation technique, CPSES committed to inspect the Unit 1 control rods. In the referenced correspondence, TU Electric committed to provide a schedule and the scope of the inspection. This letter provides that information.

TU Electric will perform, as a minimum, inspections of all Unit 1 RCCAs after no more than seven equivalent annual cycles of operation of Unit 1. Based on the projected cycle lengths for Unit 1, the current estimate for performance of this inspection would be during the refueling outage following Cycle 5. This schedule may be adjusted if the actual cycle lengths differ from those projected. The scope and schedule for subsequent inspections will be based on the results of this inspection.

The above schedule is based on RCCA wear analyses performed by Westinghouse for CPSES utilizing the single step repositioning wear mitigation technique and chrome plated RCCAs. In addition, preliminary results of recent RCCA inspections performed at a nuclear power plant with an NSSS design, RCCA design and operations similar to CPSES, support the scope and schedule of

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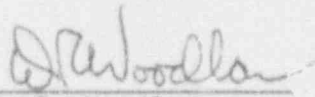
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the wear inspections described above. Specific details of how the inspections are to be performed and the equipment to be used will be determined prior to the inspection and will be based on accumulated industry RCCA performance experience at that time.

Sincerely,

William J. Cahill, Jr.

By:   
D. R. Woodlan  
Docket Licensing Manager

JDS/grp

c - Mr. J. L. Milhoan, Region IV  
Resident Inspectors, CPSES (2)  
Mr. T. A. Bergman, NRR