



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
SUPPORTING AMENDMENT NO. 60 TO PROVISIONAL OPERATING LICENSE NO. DPR-19  
COMMONWEALTH EDISON COMPANY  
DRESDEN 2  
DOCKET NO. 50-237

1.0 INTRODUCTION

By letter dated March 27, 1981, Commonwealth Edison Company (CECo) informed NRC that they had reanalyzed the seismic design of safety related piping, at Dresden Unit 2, in response to IE Bulletin 79-14. The reanalysis identified piping locations where existing safety related hydraulic snubbers had to be removed to prevent the occurrence of stresses in excess of the original FSAR requirements. In addition, CECo also replaced the remaining hydraulic snubbers located in inaccessible areas with mechanical snubbers.

Because the hydraulic snubbers were identified in the Technical Specifications, CECo has proposed an amendment to the Technical Specifications which would reflect the removal of the hydraulic snubbers and the replacement of some of them by mechanical snubbers.

2.0 DISCUSSION AND EVALUATION

The CECo analyses completed in response to IE Bulletin 79-14, using as-built piping configurations, identified nine (9) piping locations where the stress was calculated to be in excess of the allowable stresses. CECo corrected these overstress conditions by relocating and removing a number of hydraulic shock suppressors that were contributing to the stresses on the piping.

We have reviewed CECo's new snubber configurations and concur with their determination that they have acceptably eliminated the overstressed points by removing and relocating snubbers. The reconfigured piping stresses no longer violate the allowable stress limits and are therefore acceptable to the staff.

In addition, CECo has replaced all remaining inaccessible hydraulic snubbers on safety related piping with mechanical snubbers. These mechanical snubbers will provide an equivalent level of safety and restraint as was previously provided by the hydraulic snubbers and their use is acceptable to the NRC staff.

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Based on the above, we conclude that the Technical Specifications should be changed to delete the hydraulic snubbers which have been replaced by mechanical snubbers and to add the mechanical snubbers to the list of snubbers required for Dresden 2 operation.

### 3.0 ENVIRONMENTAL CONSIDERATION

We have determined that the amendment does not authorize a change in effluent types or total amounts nor an increase in power level and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendment involves an action which is insignificant from the standpoint of environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of this amendment.

### 4.0 CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) because the amendment does not involve a significant increase in the probability or consequences of accidents previously considered and does not involve a significant decrease in a safety margin, the amendment does not involve a significant hazards consideration. (2) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (3) such activities will be conducted in compliance with the Commission's regulations and the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Date: May 6, 1981