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EXECUTIVE SUMMARY

The objective of this inspection was to conduct a performance-based inspection of management programs and processes that support safe operation of the Beaver Valley Power Station. The team focused inspection activities in the areas of (1) Engineering and Technical Support, (2) Maintenance, (3) Corrective Action Programs, and (4) Independent Oversight. Within these areas, the inspection consisted of selective examinations of procedures, design calculations, installed equipment, interviews with personnel, and observations by the inspectors. The inspection activities were conducted during two separate weeks at the Beaver Valley Power Station with the intervening week spent reviewing programs and technical information gathered by the team during the first week on site.

Overall, the team concluded that plant processes and programs were being conducted in a safe and controlled manner. The management oversight of plant programs and processes was generally satisfactory.

In the area of engineering and technical support, the team found that the engineering staff were generally providing good support for the day-to-day operations of the plant. The team found the establishment of the Engineering Assurance (EA) section to be a good initiative with a positive impact on the quality of engineering activities reviewed, to date. The team noted that the EA section's effectiveness could be strengthened with the development of formal guidance for controlling and conducting their work. Various examples were identified by the team of poor implementation of Nuclear Engineering Department (NED) administrative procedures which were attributable to inattention to detail. None of these examples resulted in conditions adverse to safety, but they detracted from the overall quality of NED work.

In the area of design changes and modifications, programs and procedures were well developed and detailed. However, several minor discrepancies were observed and reflected inattention to detail. The engineering work backlog was considered reasonable and well monitored; however, the prioritization system for engineering memorandums was not being effectively implemented.

Selected aspects of the procurement and commercial grade dedication programs were reviewed and found to be satisfactory. Insufficient procurement specifications were determined to have been a cause for the emergency diesel generator ATC-type timer relay problems. Audits in the procurement area were thorough, and associated corrective actions for identified problems were considered appropriate and timely. Team review of NRC Information Notice responses found them to be comprehensive.