



Public Service

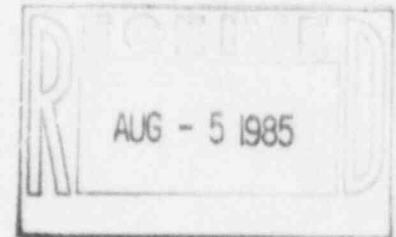
Public Service
Company of Colorado

16805 WCR 19 1/2, Platteville, Colorado 80651

July 31, 1985
Fort St. Vrain
Unit No. 1
P-85270

Regional Administrator
Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 1000
Arlington, Texas 76011

Attn: Mr. E. H. Johnson



Docket No. 50-267

SUBJECT: PREVENTIVE MAINTENANCE
PLANNING AND SCHEDULING

REFERENCE: PSC letter, O. R. Lee to
R. D. Martin, dated
March 29, 1985 (P-85107)

Dear Mr. Johnson:

Public Service Company of Colorado has submitted an action plan detailed by the Performance Enhancement Program (PEP) which outlined a phased program for improvement of the Fort St. Vrain Preventive Maintenance Program (P-85107). The objective of PEP Sub-Project III.3; "Develop Preventive Maintenance Engineering, Part 1 - Initial Definition" was to define the scope of the preventive/predictive (PM) maintenance program and predict the resources necessary to develop the program.

A significant component list has been developed which lists all components whose failure has the potential to cause significant moisture ingress into the core or restrict the plant capacity factor to a value below 100%. This list is composed of two sublists, components whose failure alone could potentially cause the above consequences (single failure components), and components whose failure accompanied by a failure of another component could potentially cause one of the above consequences (multiple failure components).

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The significant component list for mechanical and electrical components was reviewed by the Plant Engineering staff to determine which of the listed significant components have historically been maintenance problems or have otherwise resulted in operational problems. A sublist was created containing these components called the Critical Significant Component list. The components in this list will be considered priority items in establishing the preventive/predictive maintenance program.

With respect to mechanical and electrical components, an estimated one hundred and forty (140) unique "critical significant components" were identified as not being addressed by the current preventive maintenance program. In addition, an extensive review of the existing three hundred and ten (310) preventive and corrective maintenance procedures (which are being revised per Part 2 of this sub-project) has revealed the potential need for approximately two hundred and twenty (220) more procedures to provide completeness.

The existing preventive and corrective maintenance procedures are scheduled to be revised by January 3, 1986, as stated in the referenced letter. Based on a start date of January 6, 1986, the additional one hundred and forty (140) new and two hundred and twenty (220) supplemental procedures identified above should be completed by December 31, 1986.

The performance of the remaining components on the Significant Component List will be reviewed periodically using failure trend analysis to identify additional preventive maintenance requirements as the program progresses.

If you have any questions, please contact Mr. M. H. Holmes at (303) 571-8409.

Sincerely,

JWGahm by JJBorst

J. W. Gahm
Manager, Nuclear Production
Fort St. Vrain Nuclear
Generating Station

JWG:PJH/dr