



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001
August 1, 1997

Mr. J. V. Parrish
Chief Executive Officer
Washington Public Power Supply System
P.O. Box 968 (Mail Drop 1023)
Richland, Washington 99352-0968

SUBJECT: COMPLETION OF LICENSING ACTION FOR GENERIC LETTER 96-01, "TESTING OF SAFETY-RELATED LOGIC CIRCUITS," DATED JANUARY 10, 1996; WASHINGTON NUCLEAR PROJECT NO. 2, (TAC NO. M94751).

Dear Mr. Parrish:

On January 10, 1996, the U.S. Nuclear Regulatory Commission (NRC) issued Generic Letter (GL) 96-01, "Testing of Safety-Related Logic Circuits," to all holders of operating licenses or construction permits. The NRC issued GL 96-01 for three principal reasons:

- 1. Notify addressees about problems with testing of safety-related logic circuits;
- 2. Request that all addressees implement the actions described within the generic letter; and
- 3. Require that all addressees submit to the NRC a written response regarding implementation of the requested actions.

In GL 96-01, the NRC staff specifically requested that licensees take the following actions:

- 1. Compare electrical schematics and logic diagrams for the reactor protection system, emergency diesel generator load shedding and sequencing, and actuation logic for the engineered safety feature systems against plant surveillance test procedures to ensure that all portions of the logic circuitry, including the parallel logic, interlocks, bypasses, and inhibit circuits, are adequately covered in the surveillance procedures to fulfill the technical specification requirements. This review should also include relay contacts, control switches, and other relevant electrical components within these systems, utilized in the logic circuits performing a safety function; and
- 2. Modify the surveillance procedures, as necessary, for complete testing to comply with the technical specifications. Additionally, the licensee may request an amendment to the technical specifications if relief from certain testing requirements can be justified.

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Furthermore, the NRC staff required that addressees prepare and submit the following:

1. A written response indicating whether or not the licensee would implement the actions requested above or propose an alternative action;
2. A schedule for completing the requested actions or proposed alternative; and
3. A response confirming completion of the requested actions.

On April 16, 1996, you responded to GL 96-01 for Washington Nuclear Project No. 2 (WNP-2). You indicated that the requirements of GL 96-01 were fulfilled as part of the Technical Specification Surveillance Improvement Program (TSSIP) for WNP-2 conducted in the early 1990's. You stated that this effort involved over 12,000 man-hours to ensure that TSSIP goals were met, among them, that procedures tested the entire channel, including sensor, indicators, alarms, and trip functions, as applicable. You also stated that you evaluated your response to GL 96-01 against the WNP-2 criteria which defines logic testing, in part, to be "a test of all logic components, i.e., all relays and contacts, all trip units, solid state logic elements, etc., of a logic circuit, from sensor through and including the actuated device to verify OPERABILITY. You further stated that based on the TSSIP reviews of the surveillance implementing procedures for Technical Specification (TS) compliance, and ongoing administrative processes, you believe that TS testing requirements for the generic letter identified logic circuits are and will continue to be met at WNP-2. Your submittal states that no further specific action is planned for WNP-2 in response to GL 96-01. Therefore, TAC No. M94751 is considered closed for WNP-2, and may be subject to verification by inspection at a future date.

If you have any questions please contact me at (301) 415-1341.

Sincerely,
 Original Signed By
 Timothy G. Colburn, Senior Project Manager
 Project Directorate IV-2
 Division of Reactor Projects III/IV
 Office of Nuclear Reactor Regulation

Docket No. 50-397

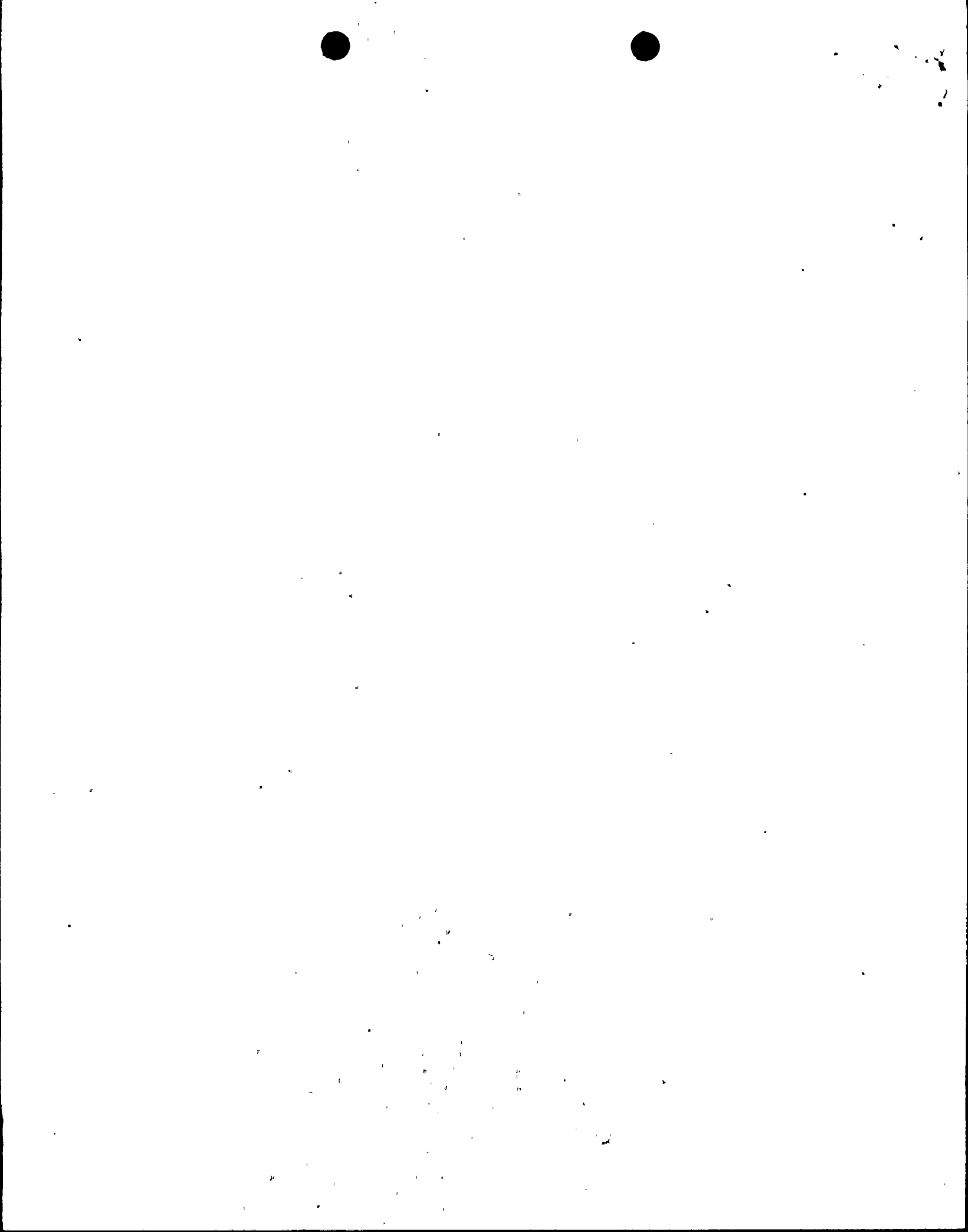
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Mr. J. V. Parrish

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