



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

JUL 31 1980

Docket Nos.: STN 50-508
and STN 50-509

Mr. D. L. Renberger, Assistant
Director, Technology
Washington Public Power Supply System
P. O. Box 968
Richland, Washington 99352

Dear Mr. Renberger:

SUBJECT: WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECTS NOS. 3
AND 5 - REQUEST OF GEOLOGIC INFORMATION AS A RESULT OF MOUNT
ST. HELENS

As a result of the recent Mount St. Helens unusual events, we are requesting additional geologic information affecting your Washington Public Power Supply System Nuclear Projects Nos. 3 and 5. The specific information required is listed in the Enclosure.

Please inform us of the date when this requested information will be available.

Please contact us if you desire any discussion or clarification of the information requested.

Sincerely,

A handwritten signature in cursive script, reading "Robert L. Tedesco".

Robert L. Tedesco, Assistant Director
for Licensing
Division of Licensing

cc: See next page

8008140327

Mr. H. O. Strand
Managing Director
Washington Public Power Supply System
P. O. Box 968
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cc: Nicholas S. Reynolds, Esq.
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Richland, Washington 99352

Mr. Kenneth W. Cook
Washington Public Power Supply System
P. O. Box 1223
Elma, Washington 98541

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ENCLOSURE

REQUEST FOR INFORMATION

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

NUCLEAR PROJECT NOS. 3 AND 5

DOCKET NOS. STN 50-508 AND STN 50-509

360.0 Geosciences Branch

- 361.1 Recent (1980) Mount St. Helens volcanism has resulted in three major ash falls (May 18, May 25, and June 12) as well as several smaller intermediate emissions. Describe (if applicable), the effect (including ash thickness ranges) of each of the above larger events, as well as any smaller ash fall on the WPPSS 3 and 5 site.
- 361.2 Based upon information obtained directly by the Washington Public Power Supply System (WPPSS) or as reported by others, provide a map of the area within at least a 50 mile radius of the WPPSS 3 and 5 units, showing the distribution and cumulative thickness of ashfall resulting from the recent Mount St. Helens volcanism. Provide (if applicable) separate maps depicting the ash distribution and thickness of the May 18, May 25, and June 12 events within the same 50 mile radius.
- 361.3 Describe the effect, including thickness, duration of fallout, and elapsed time between eruption and ashfall at the site of each of the main ash fall events (or any intermediate site-affected events) at the WPPSS 3 and 5 site.