

APR 10 1981

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Docket No.: 50-397

Washington Public Supply System
ATTN: Mr. R. L. Ferguson
Managing Director
3000 George Washington Way
Richland, Washington 99352

Dear Mr. Ferguson:

Subject: Request for Additional Information Regarding Radiation Protection
in the WNP-2 Facility

In the course of our review of your application for an operating license for the WNP-2 facility, we have identified a need for additional information regarding radiation protection. We have also established a regulatory staff position (RSP) regarding this matter. This request and our position represents our second round of questions on this subject and are contained in the enclosure to this letter. We request that you respond by July of this year so that we can maintain our present schedule for issuing our SER in March 1982. If you have any questions on this matter, please contact M. D. Lynch at 301/492-8413 or L. Rib at 301/492-8174.

Sincerely,

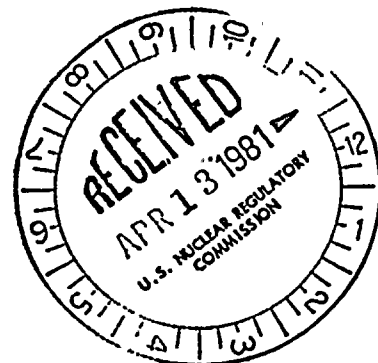
Original signed by
Robert L. Tedesco

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

Enclosure:
As stated

cc: See next page

APR 3



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OFFICE	DL:LB#1	DL:LB#1	DL:LB#1	DL:LD/L			
SURNAME	MDLynch/ys	LRib	BJYoungblood	RLTedesco			
DATE	4/8/81	4/8/81	4/9/81	4/9/81			



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Mr. R. L. Ferguson
Managing Director
Washington Public Power Supply System
P. O. Box 968
3000 George Washington Way
Richland, Washington 99352

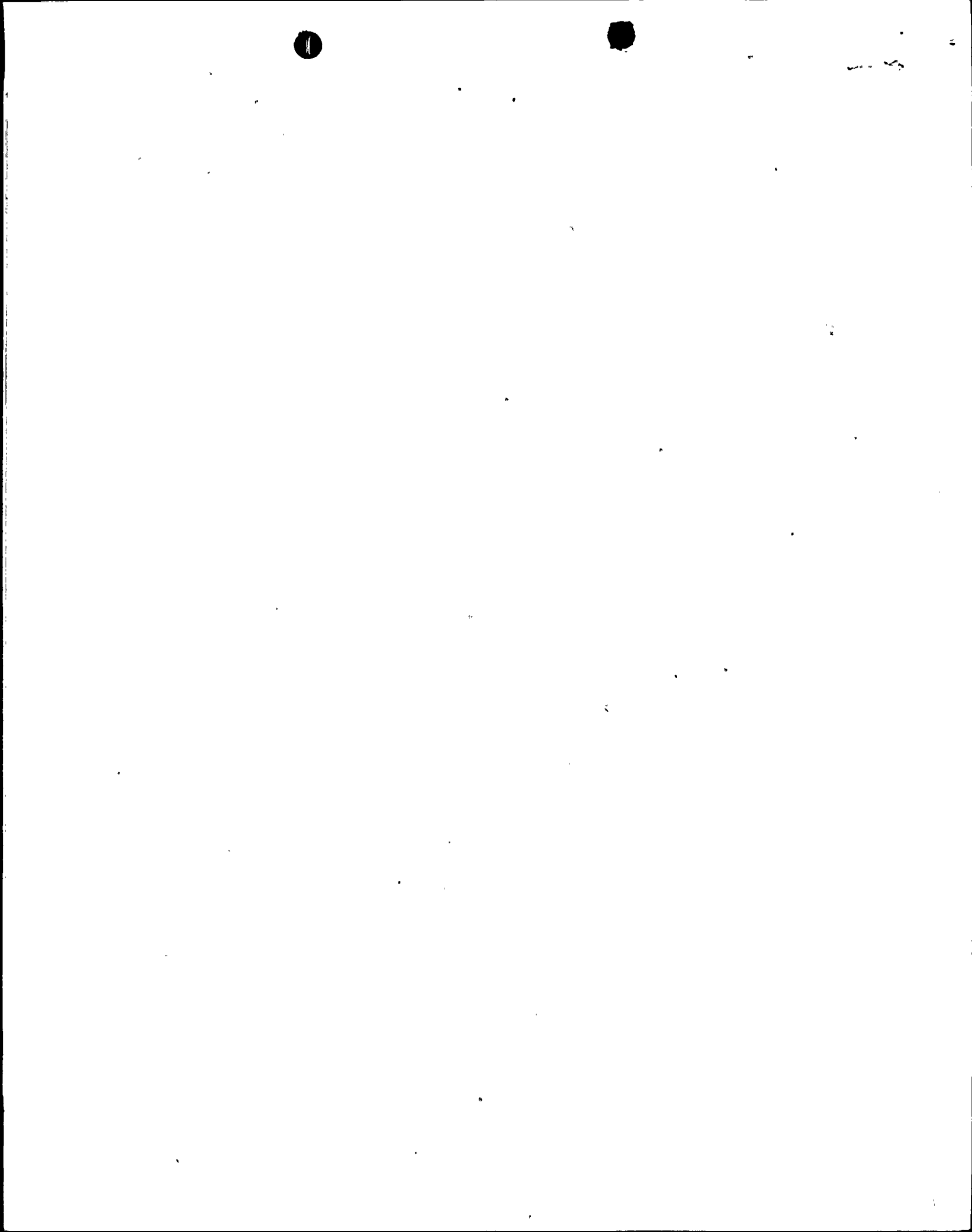
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Resident Inspector/WPPSS-2 NPS
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P. O. Box 69
Richland, Washington 99352



12.0

RADIOLOGICAL ASSESSMENT BRANCH

331.25
(12.0)

We request that you base your radiation protection practices on the latest revision of Regulatory Guides 8.8 (Rev. 3, June 1978) and 8.10 (Rev. 1-R, May 1977). Alternatively, provide acceptable plans to comply with the intent of these two specific guides.

331.26
(12.0)

Indicate whether you have followed the guidance provided in Regulatory Guide 8.7, "Occupational Radiation Exposure Records System" and Regulatory Guide 8.12, "Criticality Accident Alarm Systems". If you have complied with the staff's positions in these two guides, indicate how you have implemented this guidance into the administrative controls and the hardware design of the WNP-2 facility. If you have not adopted the staff's guidance on this matter, propose acceptable alternatives.

331.27
(12.1.2)

Describe in Section 12.1.2.1 of the FSAR, those circumstances which would necessitate personnel entry into pump corridor C-125 while the systems in this corridor are operating.

331.28
(12.3)

Using appropriate layout drawings as references, indicate the path to be travelled by a waste container when it is removed from the empty drum cask storage area and loaded onto the waste loading trailer. Provide justification for not providing any area monitors at elevation 437 feet in this area of the radwaste building where the waste containers are filled and stored (i.e., the area between grids N-1 and S, and 13.2 and 17).

331.29
(RSP)
(12.3)

We require that you shield all accessible portions of the spent fuel transfer tube during fuel transfer. In this regard, we would find removable shielding to be acceptable. This shielding should be such that the resultant contact radiation levels shall be no greater than 100 rads per hour. Moreover, all accessible portions of the spent fuel transfer tube shall be clearly marked with a sign stating that potentially lethal radiation fields are possible during fuel transfer. If removable shielding is used for the fuel transfer tubes, it must also be explicitly marked as described above. If other than permanent shielding is used, local radiation monitors which provide audible and visible alarms must be installed to alert personnel if the temporary fuel transfer tube shielding is removed during fuel transfer operations. Provide a description of your modified design to comply with these positions.

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