

Docket

Docket No. 50-305

JAN 15 1973

J. M. Hendrie, Deputy Director for Technical Review, L

CONTINUING TECHNICAL REVIEW FOR KEWAUNEE NUCLEAR POWER PLANT

Your assistance is requested in calculating the doses due to hydrogen purge following a postulated LOCA in the Kewaunee plant. The following information is provided:

Plant name:	Kewaunee Nuclear Power Plant
Licensing status:	OL
Docket number:	50-305
Responsible branch and project manager:	PWR-2 L. Crocker (X7407)
Technical Review Branch Involved:	Accident Analysis Branch
Target date for completion:	January 22, 1973

During our review of the FSAR for Kewaunee, we examined the applicant's calculations of possible doses as a result of hydrogen purge and concluded that they are conservative. However, no detailed calculations of purge doses were done by the staff. We are now faced by a contention by the intervenors that the purge doses would be unacceptably high. As a result we need staff calculations of purge doses to supply as staff testimony to the Hearing Board. Much of the calculation has been done by the Project Manager, but we require help in factoring into the calculations the credit due to the recirculation system of the Kewaunee dual containment.

15
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for Pressurized Water Reactors
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cc: R. S. Boyd
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DATE ▶		1/15/73	1/15/73	1/15/73	