

MAR 25 1974

Docket Nos. 50-237 and 50-249

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Commonwealth Edison Company
 ATTN: Mr. J. S. Abel
 Nuclear Licensing Administrator -
 Boiling Water Reactors
 Post Office Box 767
 Chicago, Illinois 60690

Gentlemen:

We are presently evaluating ultrasonic resin cleaners. For this review, we need certain design and performance data. We, therefore, ask that you provide the information in the enclosure. The information should be submitted within 45 days with one signed and fourteen additional copies.

Sincerely,

Original signed by
 Dennis L. Ziemann

Dennis L. Ziemann, Chief
 Operating Reactors Branch #2
 Directorate of Licensing

Enclosure:
 Request for Additional Information

cc w/enclosure:
 John W. Rowe, Esquire
 Isham, Lincoln & Beale
 Counselors at Law
 One First National Plaza
 Chicago, Illinois 60670

Anthony Z. Roisman, Esquire
 Berlin, Roisman and Kessler
 1712 N Street, N. W.
 Washington, D. C. 20036

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ATTACHMENT A

REQUEST FOR INFORMATION

ULTRASONIC RESIN CLEANING

DRESDEN UNITS 2 AND 3

DOCKET NOS. 50-237 AND 50-249

1. Type, number, and size of demineralizers using ultrasonic cleanup system (e.g., eight 250 ft³ condensate demineralizers).
2. Type of resin (e.g., Amberlite xxx, nuclear grade, xxx mesh, anion cation).
3. Normal and design flow rate temperature conditions and pressure in the demineralizer (e.g., design: 500 gpm, 100 F, 40 psig; normal: 400 gpm, 90 F, 35 psig).
4. Normal frequency of chemical regenerations (e.g., one regeneration every five days or 40-day cycle for eight bed system).
5. Volume and radioactivity of wastes produced due to chemical regenerations [e.g., annual average of 4000 gpd at 0.XX fraction of primary coolant activity for I-131, Cs-134, Cs-137, etc. (principal nuclides)].
6. Frequency of ultrasonic cleaning (e.g., ultrasonically clean each bed twice between chemical regenerations).
7. Volume and activity of wastes produced due to ultrasonic cleaning (e.g., annual average of 15,000 gpd at 0.XX fraction of primary coolant activity for I-131, Cs-134, Cs-137, etc., for principal nuclides).
8. If the units were operated prior to installing ultrasonic cleaning devices, provide information in 4 through 7 for previous operation, substituting backwash data for ultrasonic data.
9. Overall effect of ultrasonic resin cleaning (e.g., resin life, liquid waste generation rate, coolant purity, etc.).

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