



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

PDR - 016

AUG 21 1984

Ms. Susan Hiatt
OCRE
8275 Munson Road
Mentor, OH 44060

IN RESPONSE REFER
TO FOIA-84-577

Dear Ms. Hiatt:

This is in further response to your letter dated July 11, 1984, in which you requested, pursuant to the Freedom of Information Act, documents relating to five separate categories regarding the proposed hydrogen control rule.

Appendix A is a list of documents subject to your request. These documents are enclosed. You will be billed separately at the completion of your request by our Division of Accounting in the amount of \$2.92, plus any additional amounts incurred in completing your request.

The search for additional documents is continuing. You will be notified of the results of this search at its completion.

Sincerely,

A handwritten signature in black ink, appearing to read "J. M. Felton", written over a horizontal line.

J. M. Felton, Director
Division of Rules and Records
Office of Administration

Enclosures: As stated

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APPENDIX A

1. Undated HYDROGEN RELEASE RATES DURING DEGRADED CORE ACCIDENTS AT BWR PLANTS WITH MARK III CONTAINMENTS (5 pages)
2. Undated Handwritten Notes re: Hydrogen Control Rule - 10 CFR Part 50 w/attached Final Rule - Hydrogen Control dated 4/27/83 w/attached Part 50 (6 pages)
3. 1/9/81 Letter to J. Milhoan from R. A. Strehlow re: Attached Report Evaluation of the Glow Plug Igniter Concept for use in the Sequoyah Nuclear Plant by Roger A. Strehlow dated 1/9/81 (10 pages)
4. 11/27/81 Memo for W. J. Dircks and L. Bickwit, Jr., from S. J. Chilk re: STAFF REQUIREMENTS - AFFIRMATION SESSION 81-43 w/attachments (52 pages)
5. 2/18/83 Memo for M. R. Fleishman from J. T. Cawley, II, re: DRR REVIEW OF FINAL HYDROGEN CONTROL RULE (10 CFR PART 50) w/attachments (43 pages)
6. 4/22/83 Note for Brenda Shelton from Nita Beeson re: DRAFT FINAL RULE "HYDROGEN CONTROL - 4/18/83 VERSION" w/attached Final Rule dated 4/27/83 (3 pages)
7. 5/24/83 Memo to Distribution from M. Berman et. al. re: MODIFICATION OF NUCLEAR REACTOR CONTAINMENT ATMOSPHERES TO REDUCE RISKS FROM HYDROGEN COMBUSTION w/attached Figure 1, Tables 1 and 2, and References (10 pages)
8. 5/25/83 Handwritten Note to Jo from Nita re: "HYDROGEN CONTROL RULE" (1 page)
9. 5/24/83 Note for Brenda Shelton from Nita Beeson re: "HYDROGEN CONTROL" (5/10/83 VERSION) w/attachments (4 pages)
10. 11/9/83 COMMISSION BRIEFING ON HYDROGEN CONTROL FOR MARK III BWRs AND ICE CONDENSER PWRs (14 pages)
11. 11/9/83 BWR HEAT-UP CODE ANALYSIS RESULTS (3 pages)
12. 11/17/83 Memo for W. J. Dircks from S. J. Chilk re: STAFF REQUIREMENTS - DISCUSSION OF HYDROGEN IGNITION SYSTEM AND FINAL RULE (1 page)
13. 11/17/83 Memo for W. J. Dircks from T. M. Roberts re: FINAL HYDROGEN RULE w/attached Commissioner Roberts' Questions on Hydrogen Control dated 11/17/83 (2 pages)

APPENDIX A

(CONTINUED)

14. Undated Vugraphs - ASSESSMENT OF AUTOMATIC VS MANUAL ACTUATION MODES FOR PWR'S AND BWR'S (4 pages)
15. 11/9/83 OUTLINE SUPPLEMENTARY PRESENTATION ON HYDROGEN IGNITION SYSTEMS AND ON MANUAL VS. AUTOMATIC ACTUATION OF IGNITERS (1 page)
16. 12/28/83 Memo for Chairman Palladion et. al. from W. J. Dricks re: FINAL HYDROGEN CONTROL FULE (SECY-83-357) (8 pages)

*167 pages @ \$0.07 = \$11.69, 75% reproduction fees waived