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

December 20, 1982

ERRATA SHEET

for

NUREG-0139  
Supplement No. 1  
Vols. 1 and 2

SUPPLEMENT TO FINAL ENVIRONMENTAL STATEMENT  
RELATED TO CONSTRUCTION AND OPERATION OF  
CLINCH RIVER BREEDER REACTOR PLANT

Please make the corrections and/or additions to your report as indicated on the attached pages.

DIVISION OF TECHNICAL INFORMATION  
AND  
DOCUMENT CONTROL

ERRATA CORRECTIONS

TO

NUREG-0139, SUPPLEMENT NO. 1  
VOLS. 1 AND 2

1. page 5-1, Section 5.2 - In the second line change the number 3733 to 3730.
2. page 5-3, Section 5.3.2.1 - In the first paragraph, next to last line, change the last number from 0.9 to 1.0.
3. page 5-12, Section 5.7.2.2 - At the end of the first paragraph following Table A5.2, add closing quotation marks.
4. page 5-17, Figure A5.1 - Insert in the title the word "simplified" before "CRBRP."
5. page 5-18, Section 5.7.2.7 - Correct the spelling of "relesaed" to "released."
6. page 5-20, Table A5.5 - In the second column, opposite the words "Liquid Effluents" delete the number "<0.01."
7. page 7-2, Section 7.1.1 - Correct the spelling of "coverision" to conversion."
8. page 7-2, Section 7.1.3 - Delete the second paragraph, which begins "In the fourth...."
9. page 7-4, Section 7.2 - In the sixth line of the second full paragraph, delete "(AEC 1972)."
10. page 10-10, Section 10.4.1.2 - Change the third sentence to read "Assuming an average annual capacity factor of 60% (based on 350 MWe) is realized, the plant will generate about 1.8 billion kwh per year." In the 6th line, change the number "70" to "55." In the 10th line, change the number "900,000" to "700,000."
11. page 10-13, Table A10.2 - For Aquatic Ecological Effects During Operation, change the reference section to 5.3.2.2 and change "10 m<sup>2</sup>" to "10 ft<sup>2</sup>."
12. page 10-15, Table A10.3 - change the % of project cost expended through 1981 for the plant investment total from "21.2" to "20.8." In the source, change "Appendix G" to "ER Table 8.3-1, Amendment XIV."

13. page 11-28, Section 11.12.1 - In the 14th line of the first paragraph, correct "and not being" to read "are not being."
14. page 12-1, Chapter 12 - In the 34th printed line, correct the word "National" to "Natural."
15. page 12-16, Section 12.3.6 - In the first line of the first full paragraph, correct "Part III.9" to "Part III.Q."
16. page 12-35, Section 12.8.1 - In the response to ISA-1, in the second line, change "phases" to "phrases" and "consequences" to "consequences."
17. page 12-35, Section 12.8.3 - In the last line of the first paragraph, correct "considered" to "considerable."
18. page 12-35, Section 12.8.4 - Change the last item on the page to "The initial steam generator and intermediate heat exchanger problems with PFR and Phenix...."
19. page 12-36, Section 12.8.4 - Under MS-1, in third paragraph, delete from the first line the word "is."
20. page 12-46, Section 12.10.2.4 - In the first full paragraph, 8th line, insert between "limits" and "reasonably" the words "as is."
21. page 12-47, Section 12.10.2.4 - In the third paragraph, 7th line, correct "10 mR/hr" to "10 mR/yr."
22. page 12-47, Section 12.10.2.4 - In the 4th line of the last paragraph, insert between "values" and "NUREG/CR-0130" the words "are consistent with those presented for PWRs in."
23. page 12-50, Section 12.10.4.1 - In the response to NRDC-81, change the first sentence to read "Based on the past performance of LWRs, the staff views an average annual capacity factor of 60% as reasonable and the discussion in Section 10.4.1 has been modified accordingly."
24. page 12-63, Section 12.12.D.2 - In the fifth paragraph, 3rd line, insert closing quotation marks after the word "calculation".
25. page 12-74, Section 12.12.J.1 - Under WE-4 in the next to last line, change "also incorporates" to "can incorporate."
26. page 12-83, Section 12.12.J.2 - In the first full paragraph, 8th line, correct the word "make" to "made".
27. page D-8, Table D.4 - Under the column heading Mixed Oxide (Core fuel), for water discharged - to water bodies and total water change the number "0.3" to "0.2".

28. page D-11, Section D.2.1.2 - In the first full paragraph, 6th line, insert between "orders" and "lower" the words "of magnitude".
29. page D-11, Table D.5 - In the heading for the third column, change the reference "(DOE 1980a)" to "(DOE 1981b)".
30. page D-22, Section D.2.2.4 - Delete from the last line on this page and the top of page D-23 the words "would be occupied by wastes from the CRBR fuel cycle" and change the last sentence on page D-22 to read: "on the basis of the equivalent area required to dispose of the cannisters sent to a repository, the TRU and HLW wastes from the CRBR fuel cycle of 6000 55-gallon drums of TRU, 3000 cannisters of metal scrap TRU and 180 cannisters of HLW would occupy not more than 1/100th of a reference repository (DOE 1979)."
31. page D-39, References - In the 10th reference, insert "WASH-1535," before "Washington, D.C.".
32. page D-39, References - In the 11th reference, correct the spelling of "commercial" to "commercial".
33. page J-5, Section J.1.2 - In Category III near the bottom of the page, delete one of the words "system" so that the sentence reads "Primary system seals-----".
34. page J-24, Section J.1.2 - In the second paragraph, last line, replace "is" with "are".
35. page L-48, Section 2.3.5 - In the 4th paragraph on this page, change "comparable to" to "less desirable than."
36. page L-51, Table L.1 - Under parameter 4, change the rating for Savannah River from "0" to "-".

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