

YANKEE ATOMIC ELECTRIC COMPANY

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June 26, 2001
BYR 2001-049

United States Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

- References:
- (a) License No. DPR-3 (Docket No. 50-29)
 - (b) Regulatory Issue Summary (RIS) 2001-05, "Guidance on Submitting Documents to the NRC by Electronic Information Exchange or on CD-ROM," January 25, 2001.
 - (c) Letter, D.K. Davis (YAEC) to U.S. Nuclear Regulatory Commission, Updated Final Safety Analysis Report, June 28, 1999 (BYR 99-045).

Subject: Updated Final Safety Analysis Report

Enclosed is the signed original, one paper copy, and four CD-ROM copies of the updated Yankee Nuclear Power Station (YNPS) Final Safety Analysis Report (FSAR). Note that the four CD-ROM copies are submitted per Reference (b).

The updated YNPS FSAR is the biennial submittal in accordance with 10 CFR 50.71(e)(4). The document replaces in its entirety the last update submitted in Reference (c) and reflects changes made to the YNPS as of December 31, 2000, unless otherwise noted.

A summary listing of the changes for each FSAR section is also enclosed. The changes may be placed in one of the following categories:

- Changes that reflect the implementation of engineering design changes (EDCs).
- Changes that reflect the implementation of decommissioning work packages (DWPs).
- Editorial changes that indicate a system, structure, or component (SSC) has been permanently removed or retired in place and is no longer in service.
- Editorial changes that describe the current status and configuration of a SSC that remains functional.
- Administrative changes that update decommissioning activities, planning, schedule, and cost estimates.
- Administrative changes that clarify and/or supplement existing information.
- Changes that strictly involve corrective updates of information.

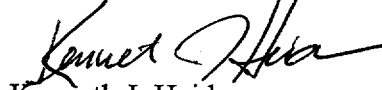
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CD-ROMS

If there are questions or need for additional information, please contact Mr. James. A. Kay at (978) 568-2302.

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



Kenneth J. Heider

Vice President

Enclosures

- c: H. Miller, Regional Administrator, USNRC, Region I (CD-ROM copy)
R. Bellamy, Chief, Decommissioning and Laboratory Branch, USNRC, Region I (CD-ROM copy)

Subscribed and sworn to before me

this 26 day of June, 2001

Regina M. Chianella

Date Commission Expires: 7-21-04

SUMMARY LISTING OF CHANGES TO YNPS FSAR
DURING 2000 AND 2001

Section Number	Description of Change
PSDAR	Added PSDAR to the FSAR in 2000. Extracts and updates information from the approved Decommissioning Plan, formerly described in FSAR Sections 500 and 501. Revised in 2001 to update the status of decommissioning activities.
100	Revised FSAR section in 2000 to reflect the current status of YNPS spent fuel management and delete reference to safe store activities. Revised in 2001 to note construction of ISFSI and minor administrative changes.
200	Revised FSAR section in 2000 to note some information extracted, updated, and relocated to the PSDAR and to delete reference to safe store activities and 2001 to make minor administrative changes.
201	No change.
202	No change.
203	No change.
204	No change.
205	No change.
206	No change.
207	No change.
208	No change.
209	No change.
210	No change.
211	Revised FSAR section in 2000 to delete reference to safe store activities and 2001 to clarify existing information.
212	No change.
213	No change.
214	No change.
215	Revised FSAR section in 2000 to delete reference to safe store activities.
216	Revised FSAR section in 2000 to note change in FSAR referenced section.
217	No change.

Section Number	Description of Change
218	No change.
219	No change.
220	Revised FSAR section in 2001 to supplement existing information.
221	Revised FSAR section in 2000 to note change in FSAR referenced section and 2001 to clarify existing information.
222	No change.
223	No change.
224	No change.
225	No change.
226	No change.
227	Revised FSAR section in 2000 to delete reference to safe store activities.
228	Revised FSAR section in 2000 to delete reference to safe store activities and 2001 to delete reference drawing.
229	Revised FSAR section in 2000 to correct typographic error and note change in FSAR referenced section and 2001 to reflect the current status of the electrical system.
230	Revised FSAR section in 2000 to delete reference to safe store activities.
231	Revised FSAR section in 2000 to note change in FSAR referenced section and 2001 to describe the current status and configuration of the ventilation system.
232	Revised FSAR section in 2000 to delete references to safe store activities and note change in FSAR referenced section.
233	No change.
234	No change.
235	No change.
236	Revised FSAR section in 2001 to reflect current status and configuration of the Vapor Container.
237	Revised FSAR section in 2000 to note change in FSAR referenced section.
238	Revised FSAR section in 2000 to correct typographic error and note change in FSAR referenced section.

Section Number	Description of Change
239	Revised FSAR section in 2000 to delete references to safe store activities and note change in FSAR referenced section and 2001 to clarify the current status of shielding.
240	No change.
241	No change.
242	Revised FSAR section in 2000 to correct typographic error and note change in FSAR referenced section.
243	No change.
244	No change.
245	Revised FSAR section in 2000 to delete reference to safe store activities.
246	Revised FSAR section in 2000 to correct typographic errors and note a change in FSAR referenced section and 2001 to make minor administrative changes.
247	No change.
248	No change.
249	Revised FSAR section in 2000 to reflect current status and configuration of the Diesel Generator Building.
250	No change.
251	Revised FSAR section in 2000 to delete reference to safe store activities.
252	Revised FSAR section in 2000 to delete reference to safe store activities.
253	Revised FSAR section in 2000 to delete reference to safe store activities.
254	Revised FSAR section in 2000 to delete reference to safe store activities and in 2001 to reflect the current status and configuration of the Service Building and new Fuel Transfer Enclosure (FTE).
255	Revised FSAR section in 2000 to delete reference to safe store activities.
256	Revised FSAR section in 2001 to clarify that the meteorological tower supports on-site emergency planning.
257	Added new FSAR section in 2001 to describe structure, systems, and components of Independent Spent Fuel Storage Installation (ISFSI).
300	No change.

Section Number	Description of Change
301	No change.
302	No change.
303	No change.
304	Revised FSAR section in 2001 to reflect change in on-site potable water storage capacity.
305	No change.
306	Revised FSAR Section in 2000 to delete radiological scoping survey discussion (306.2) and note methodology will be discussed in YAEC's future submittal of a License Termination Plan and replace other text with discussion of transition to MARSSIM (306.6) and 2001 to clarify existing information.
307	Revised FSAR Section in 2000 to note that information extracted, updated, and relocated to the PSDAR.
400	Revised FSAR section in 2000 to add tables summarizing accident analyses and in 2001 to clarify bounding dose conversion factors.
401	Revised FSAR section in 2001 to incorporate a minor administrative change.
402	Revised FSAR section in 2000 to incorporate minor editorial changes.
403	Revised FSAR section in 2001 to clarify results of the materials handling events bounding analysis.
404	Revised FSAR section in 2001 to include the new Fuel Transfer Enclosure (FTE).
405	Revised FSAR section in 2000 to note change in FSAR referenced section and in 2001 to reflect current fire protection features.
406	No change.
407	No change.
408	Revised FSAR section in 2001 to clarify existing administrative information.
500	Revised FSAR Section in 2000 to note that information from the approved Decommissioning Plan has been extracted, updated, and relocated to the PSDAR within the FSAR.
501	Revised FSAR Section in 2000 to note that information extracted, updated, and relocated to the PSDAR.
502	Revised FSAR Section in 2000 to note YAEC organizational structure during decommissioning is presented in Section 1 of the Yankee Decommissioning Quality Assurance Program (YDQAP) Manual.

Section Number	Description of Change
503	Revised FSAR section in 2001 to reflect current status of Training Program.
504	No change.
505	Revised FSAR section in 2001 to reference the YDQAP.
506	Revised FSAR section in 2001 to reference the YDQAP.
507	Revised FSAR Section in 2000 to note that some information extracted, updated, and relocated to the PSDAR and 2001 t clarify administrative changes.
508	Revised FSAR Section in 2000 to note that some information extracted, updated, and relocated to the PSDAR and in 2001 to reflect the current status of radioactive waste management and to reference the YDQAP.
509	No change.
510	Revised FSAR section in 2001 to reflect the current status of nonradiological waste management.
511	Revised FSAR section in 2001 to reflect changes in the types of nonradioactive wastes and the controls used to identify, manage, and dispose of such wastes.
512	Revised FSAR section in 2001 to reflect changes in the section title, security plan, and reference documents.
513	Revised FSAR section in 2001 to reflect current fire protection features.
514	Revised FSAR section in 2001 to clarify and supplement existing information.
515	Revised FSAR section in 2001 to correct a referenced appendix to the Defueled Emergency Plan and clarify approval and issuance of the plan.
APPENDIX A	Revised FSAR appendix in 2001 to reflect updates to plant drawings.