

June 20, 1997

MEMORANDUM TO: Herbert N. Berkow, Director  
Project Directorate II-2  
Division of Reactor Projects - I/II, NRR

FROM: Victor Nerses, Senior Project Manager ORIGINAL SIGNED BY:  
Project Directorate II-2  
Division of Reactor Projects - I/II, NRR

SUBJECT: FORTHCOMING MEETING WITH DUKE POWER COMPANY  
(TAC NOS. M97264 AND M97265)

DATE & TIME: Wednesday, July 9, 1997  
8:30 a.m.

LOCATION: McGuire Nuclear Station  
Building 7438  
12700 Hagers Ferry Road  
Huntersville, North Carolina

PURPOSE: To discuss the licensee's revisions to the 1996 McGuire Updated Final Safety Analysis Report (UFSAR) and how the 1996 revision complies with 10 CFR 50.71.

PARTICIPANTS\*: NRC Duke Power Company  
Victor Nerses, NRR Mike Cash, et al.  
et al.

Docket Nos. 50-369 and 50-370

Attachment: Review Items on UFSAR

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Contact: Victor Nerses, NRR  
415-1484

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

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Victor Nerses, Senior Project Manager  
Project Directorate II-2  
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cc: Licensee & Service List

1996 UPDATED FSAR

AGENDA ITEMS TO BE DISCUSSED WITH LICENSEE

(TAC NOS. M97264 AND M97265)

NOTE: The majority of the items listed below deal with the reason for the change and the majority of them can be answered by simply referencing an NRC approval document, a McGuire annual 10 CFR 50.59 report or an NRC generic guidance document. RFC = reason for change.

Section 1.4, RFC

Section 1.8.25.4, pg. 1-38, RFC

Section 1.8.26, pg. 1-40, RFC

Table 1-5 - bottom right hand corner has no effective dates printed, other apparent errors

Table 1-6 - pg. 21 of 69, RFC

Section 2.3.3, pg. 2-2, RFC

Section 2.5.5.2, pg. 2-60, RFC

Section 3.4, pg. 3-43, sentence does not read correctly

Section 3.6.2.2.1, pg. 3-65, RFC

Section 3.7.1.3, pg. 3-80, RFC

Section 3.7.2.1.3, pg. 3-94, RFC

Table 3-20, pg. 5 of 7, Duke Pipe Rupture Criteria, added words about GL 87-11 not requiring arbitrary intermediate breaks to be postulated, RFC

Table 3-20, pg. 6 of 7, RFC

Chapter 4 - List of Figures: added; deleted one figure, but not apparent what the change was in 4-30 and 4-34

Section 4.2.1.1.1.3, pg. 4-9, RFC

Section 4.2.1.2.2, pg. 4-11 and 4-12, RFC

Section 4.2.1.3.1.1, pg. 4-13, 4-14, 4-15, 4-16, RFC

Section 4.2.3.2.1, pg. 4-31, 4-32, 4-33, RFC (why is there a "5" in the margin?)

Section 4.2.3.3.2, 4-43, RFC

4.3.2.2.7, 4-62 (O), 4-64(N), RFC

4.3.2.6, pg. 4-73, 4-74, 4-75, 4-76, 4-77, RFC

4.3.2.7.5, pg. 4-79, RFC

4.3.5, pg. 4-85, RFC

Table 4-1, pg. 3 of 4, RFC

Table 4-1, pg. 4 of 4, RFC

Table 4-4 (pg. 1 of 4), RFC

Table 4-4 (pg. 2 of 4), RFC

Table 4-4 (pg. 3 of 4), the May 14, 1996, revision shows a change but no "5" in margin of change.

Table 4-5 (pg. 1 of 2), RFC

Table 4-6, RFC

Table 4-7, pg. 1 of 2 and 2 of 2, RFC

Table 4-8, deleted, RFC

Table 4-9, pg. 1 of 2 and 2 of 2, deleted in its entirety, RFC

Table 4-10, deleted in its entirety, RFC

Table 4-11, deleted in its entirety, RFC

Table 4-13, was not deleted and it is shared on a page with Table 4-12 in the May 14, 1996, revision, but also Table 4-13 is shared on a page with Table 4-14 in the May 1, 1992, revision. It looks like there was a mistake made.

Table 4-22 is a new table. No comparable one on the September 1, 1993, page, RFC

Figure 4-22, deleted, RFC

Figure 4-30, the "5" on the May 14, 1996, page is in the wrong location

Figure 4-34, the Figure has been rearranged and it has been added to, RFC

Figure 4-51, not apparent to where the change between the May 14, 1996, revision and the May 1, 1992, revision

Figure 4-89, Is this a new figure?, RFC

5.2.2.3, pg. 5-30, RFC

5.5.13.2, pg. 5-99, RFC

5.5.13.3, pg. 5-100, RFC

Table 5-10, RFC

Table 5-31 (all 16 pages deleted), RFC

Chapter 6, List of Figures pg. viii, has "5" but appears no change took place for 6-110, 6-176, 177, and 190?

Steam Generator, pg. 6-29, sentence does not make sense without some punctuation

6.2.1.6.2, pg. 6-45, 6-46, RFC

Table 6-49, May 14, 1996, page had no "5" marked anywhere on the page. Why did this need to replace May 1, 1992, page in FSAR?

Table 6-50, same question as for Table 6-49

Table 6-51 to 6-63, same question as Table 6-49

Table 6-64, the May 1, 1992, page has Tables 6-63 and 6-64 on same page. However, the May 14, 1996, page only has Table 6-63 - what happened to Table 6-64?

Table 6-110, missing from FSAR pages 1-5 of May 1, 1992. The May 14, 1996, update only includes a change to pg. 4 of 5. Since May 1, 1992, revision pages are not available, cannot make any updates. Reason for missing page.

Table 6-125, 1 of 2, not apparent the nature of change

7.6.4, pg. 7-89, editorial, it still has an error

7.6.8.1.3.1, pg. 7-100, sections rewritten, why?

7.6.8.1.3.2, pg. 7-101, sections rewritten, why?

7.6.8.1.4, pg. 7-101, sections rewritten, why?

7.6.11.1.9.2, pg. 7-111, in the May 14, 1996, version, the sentence begins with "this is a summary flow diagram." What is "this" referring to?

7.6.15.1.1, pg. 7-118, added paragraph, why?

7.7.1.1.2, pg. 7-138, whole paragraphs deleted, why?

7.7.1.13.2, pg. 7-141, sentences changed. RFC (Also, error in the May 14, 1996, revision - the word "fines" should be "fires.")

7.7.1.14.1, pg. 7-143, sentences changed. RFC

7.7.1.15, pg. 7-143, RFC

7.7.2.4, pg. 7-149, whole paragraph deleted. RFC

Table 7-14 (pg. 7 of 9), why the change in item 1? Range from 50 to 800 gpm to 0 to 600 gpm? (was a 50.59 done?)

Table 7-15 (pg. 1 of 3), why the change (was a 50.59 done?)  
(pg. 2 of 3 and 3 of 3), why the deletions (was a 50.59 done?)

Figures 7-10 and 7-11, why deleted?

Figure 7-19, RFC

Figure 7-28, RFC

Table 8-11, RFC

Table 8-12, RFC

Table 8-13, pg. 1 and 2 of 2, RFC

Figure 8-24, RFC

Figure 8-25, RFC

Figure 8-37, RFC

Figure 8-38, RFC

Figure 8-39, RFC

Pg. 9-3 and 9-4, RFC

Pg. 9-8, RFC

Pg. 9-9, RFC

Pg. 9-10, RFC

Pg. 9-12, 13, 14, RFC

Pg. 9-16, RFC

Pg. 9-19, RFC

Pgs. 9-20, 21, 22, RFC

Pgs. 9-24, 25, 26, 27, 28, RFC

Pgs. 9-29, 30, 31, 32, 33, RFC

Pgs. 9-38, 39, 41, 43, 44, 45, 46, 47, RFC

Pgs. 9-55, 56, 57, 59, 60, 62, 69, 70, RFC

Table 9-1, pg. 2 and 3 of 3, RFC

Table 9-3, 9-4, 9-5, 9-6, RFC

Table 9-8, pg. 1 and 2 of 2, RFC

Tables 9-14,15,16,17,18,19 (Note that Table 9-16 of May 1, 1992, revision was changed by Table 9-16 of May 14, but no "5" in margin of May 14, 1996, Table 9-16)

Table 9-28, 2, 3 and 4 of 4, RFC

Figures 9-8, 9-39, 40, 41, RFC

Figures 9-58, 59, 60, 61, 62, 63, 64, RFC

Figure 9-93, RFC

Pg. 10-8, RFC

Figures 10-30, 31, 32, 33, 34, RFC

Pgs. 11-43, 47, 51, 53, 54, RFC

Table 11-22, the May 14, 1996, page for this table shows revision (note the "5"'s) however, the May 1, 1992, page shows exactly the same thing (i.e., there is no change). So why was "5" put in the margin of the May 14, 1996 revision?

Table 11-27, pg. 1 and 2, RFC

Table 11-28, licensee notes changes on page 1 and 2 of 4 (May 1992) but page 3 of May 1992 has changes that are also on page 2 of May 1996

Figure 11-24 and 25, deleted, RFC

13.4.2.1, page 13-18, 13-19, RFC

15.1.5.2, pg. 15-27, RFC

15.2.6.2, pg. 15-39, RFC



15.2.8.2, pg. 15-44 and 45, RFC

15.4.1.2, pg. 15-60, RFC

15.4.2.2, pg. 15-62, RFC

15.4.3.4, pg. 15-70, RFC

15.4.8.3, pg. 15-85, RFC

15.6.5.2, pgs. 15-102, 103, 105, 106, 107, 109, 110, 111, 112, 114, 115, RFC

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