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POOL

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~~Freedom of Information Officer~~
~~Office of Freedom of Information~~
U.S. Nuclear Regulatory Commission
Rockville, Maryland
U.S.A. 20852

6 September 2001

~~FREEDOM OF INFORMATION ACT REQUEST~~

Dear Sir or Madam,

In my letter of September 4 I have requested a full and truthful copy of parts of the original Final Safety Analysis Report (FSAR) for the Zion Nuclear Power Plant — pressurized water reactors, license number 50-295 and 50-304. I referred to the NRC's Public Documents Room, which has a copy of this report among its holdings, according to Terisa Linton, phone at NRC, 301-415-4737. I have today received from the Public Documents Office a copy of the table of contents of the several sections of the FSAR. Aided by these tables of contents, I should trim my requests, in order to minimize the expense of the photocopying in fulfilling my request. Accordingly, I request the following parts of the said FSAR:

1. Of Chapter 3, Reactor,
 - a. The whole Sections 3.1, on Design Bases
 - b. Section 3.2.2, Thermal Hydraulic Design and Evaluation
 - c. Section 3.2.3, Mechanical Design and Evaluation
2. Of Chapter 4, Reactor Coolant System,
 - a. The whole of Sections 4.1, Design Bases
 - b. Section 4.2.1, General Description, and Section 4.2.2.1, Reactor Vessel
 - c. Section 4.3, System Design Evaluation
 - d. Section 4.4, Safety Limits and Conditions
 - e. Section 4.5, Tests and Inspections
 - f. Appendix 4A
3. The whole of Chapter 5 on the Containment System
4. Of Chapter 6 on Engineered Safety Features,
 - a. Section 6.1 on Criteria
 - b. Section 6.2 on Emergency Core Cooling System
 - c. Section 6.4 on Containment Spray System
 - d. Appendix 6A on Iodine Removal Effectiveness Evaluation of Containment Spray System

Tables: 6.2-1 ECCS Code Requirements

Tables 3.2.2-1 *
3.2.2-2 *
3.2.3-1 *
Fig. 3.2.2-1, Thermal conductivity

Tables 4.1-1
4.1-2
4.1-3
Fig. 4.2-1
4.2-2
4.3-1 → 4.3-7

Tables 5.1-1, 5.1-2
All Figures

Tables 6.2-1
6.2-2
6.2-5
6A-1

~~Figures~~

Figures of Chapter 6:

6.2-1 ECCS

6.2-2 Range of Core Protection &c.

6.2-3 Safety Injection Actuation Signal &c.

~~**~~ 6.3-1 through 6.3-4 about, including 6.3-3 on "instantaneous Gamma Dose Rate inside the Containment ...

5. Of Chapter 11, on Radioactive Waste and Radiation Protection,

a. Section 11.2 on Shielding

b. Section 11.3 on Radiation Monitoring System

table 11.2-3
= Gamma-ray
source in
Reactor
Bldg.

6. Of Chapter 12 on Conduct of Operations,

a. Section 12.3.2.1, Accident Releases of Radioactivity

b. Section 12.3.3, Radiation Control Standards and Procedures

7. Chapter 13, Initial Tests and Operations

8. Of Chapter ~~15~~¹⁴, Safety Analysis,

a. Section 14.3, Reactor Coolant System Pipe Rupture (Loss of Coolant Accident), including Appendix 14.3.2-A

b. Section 14.3.3, Core and Internals Integrity Analyses

c. Section 14.3.5, Environmental Consequences of a Loss of Coolant Accident

d. Appendix 14A, Radiation Sources.

Tables & Figures
See below.

In ~~the attachment to~~ this letter I hand write the tables and figures that I would like, under their respective chapter number.

I do hope that my request can be filled.

Respectfully submitted,

Richard E. Webb

Richard E. Webb

Tables: Chap. 14 - All tables 14.3. X-X
~~Ch. 14~~ 14.3. ~~2-1~~ Table A-2-1 Gap Activity
A. 3-2
A. 4-1

All figures of 14.3 (LOCA)

that is, Figures 14.3.2-1 through
14.3.6-2.

P.S. Also, I request Sections 3, 4, 5, 6, 12,
14, ~~and~~ 15, and 19 of the
NRC's Safety Evaluation, October 6, ~~1972~~
1972, Docket Nos. 50-295 & 50-304. (Zion)

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Sept. 4, 2001
RE Webb

FREEDOM OF INFORMATION ACT REQUEST

Dear Sir or Madam,

I request a full and truthful copy of parts of the original Final Safety Analysis Report for the Zion Nuclear Power Plant — pressurized water reactors, license number 50-295 and 50-304. The NRC's Public Documents Room has a copy of this report among its holdings, according to Terisa Linton, phone at NRC, 301-415-4737. The parts which I request to be given are:

Chapter 2 or 3, which contains the Radiological Analysis for Site Location.

Chapters 4, 5, 6, and 15, as these chapters should contain the following matter:

Chapter 4: Reactor Design

Chapter 5: Reactor Coolant System

Chapter 6, Engineered Safeguards, both the Reactor Containment and the Emergency Core Cooling System,

Chapter 15, Design Basis Accident Analysis.

I request a complete copy of those part, including all of the tables of data and figures that probably are contained at the ends of their respective chapters. Also, and importantly, I request the version of the FSAR, Final Safety Analysis Report, as it was approved for granting the license to operate the (each) reactors, not any amended version that may have been incorporated in the FSAR after the license was granted. That is, I request the original version as approved for licensing.

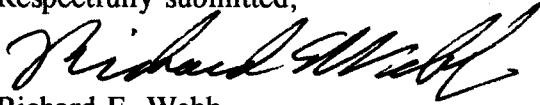
I am uncertain about which chapter contains the analysis for the applicant's justification of the suitability of the site, which chapter, as I recall, contains information, analysis, and assessments, having to do with radiation protection standards and 10 CFR 100 site criteria and radiation dose standards for evaluating site suitability.

protectious

Also, there may be a separate chapter devoted to Radiological Controls, and I wish to have a copy of such chapter as well.

It is vitally important to my research of the accident hazards of nuclear power plants that I have the requested parts very soon. I am very poor, and have no income nor money with which to purchase the parts by the regular method provided by the NRC's Public Document Room. I am a citizen of the United States, and author of the book, *The Accident Hazards of Nuclear Power Plants*. My severe financial condition is due in part to the very damaging and wrongful defamation of my good reputation by the United States District Court in Harrisburg, Pennsylvania. I refer to my Three Mile Island essay on the Internet, <http://www.technidigm.org/c5001/tmi.htm>, Section VI. I declare that the information that I have requested above is vitally important for determining the accident hazards of nuclear power plants. I request that you fulfil my request without any delay. The search for the material should be little, as I have been informed by the NRC's Public Documents Room, Ms. Linton, that they have the document which I am seeking to obtain. I was informed that a copy of the table of contents of the documents (FSAR) was sent to me, but I have not received it, and worry that I will never receive it to aid in my FOE request.

Respectfully submitted,



Richard E. Webb