



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

May ,2001

The Honorable James McMahon, Minority Leader  
Oswego County Legislature  
3276 Fulton Avenue  
Central Square, NY 13036

SUBJECT: INFORMATION ON DRY CASK STORAGE OF SPENT FUEL

Dear Mr. McMahon:

It was a pleasure to meet with you on May 4, 2000, in Senator Schumer's office. As we discussed, I am forwarding information on interim storage of spent nuclear power plant fuel. I have also enclosed a summary description of these documents to facilitate your review of these materials.

After reviewing these documents, if you have additional questions on interim storage of spent fuel or if you would like to discuss these matters, we would be happy to meet with you in Oswego. Please feel free to contact Mr. William Brach, of my staff, with any questions or concerns. Mr. Brach is the Director of the Spent Fuel Project Office which reviews cask designs and license applications for the interim storage of spent fuel. Mr. Brach may be reached at (301) 415-8500.

Again, it was a pleasure to meet with you and I hope that the enclosed information is helpful.

Sincerely,

**/RA/**

William F. Kane, Director  
Office of Nuclear Material Safety  
and Safeguards

Enclosure: List of ISFSI Related Documents

cc w/ encl (w/o att): Senator Charles E. Schumer

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*(Original Signed by:)*

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## LIST OF ISFSI RELATED DOCUMENTS

DOCUMENT	SUMMARY
1. 10 CFR Part 72	"Licensing Requirements for the Independent Storage of Spent Nuclear Fuel and High-Level Radioactive Waste" are the regulations governing the interim storage of spent nuclear fuel. Independent spent fuel storage installations (ISFSIs) are employed either at or away from a nuclear power plant site. All licensees and cask vendors must meet 10 CFR Part 72 requirements.
2. Maps of Current and Proposed ISFSIs	These maps show the locations of existing and proposed ISFSIs. ISFSIs are used to temporarily store spent fuel until final disposal. Review and licensing of ISFSIs are conducted by the Spent Fuel Project Office of the Nuclear Regulatory Commission.
3. Inspection Manual Chapter 2690	This document describes the overall inspection program that NRC uses to determine whether the cask and/or the ISFSI is constructed and operated in accordance with 10 CFR Part 72. The program uses inspectors from both Headquarters and from the responsible Regional office. In the case of Fitzpatrick, the Region I office, located in King of Prussia, Pennsylvania, is the pertinent office.
4. Inspection Procedures 60851- 60856	These inspection procedures are used by NRC staff as guidance for inspecting ISFSI-related activities. Included are procedures for design, on-site construction, off-site fabrication, pre-operational testing, and review of plant procedures for compatibility with the cask design and operations.
5. NUREG 1571	"Information Handbook on Independent Spent Fuel Storage Installations" describes typical cask designs and the licensing process. It is available on the NRC web site.
6. NUREG 1536	"Standard Review Plan for Dry Cask Storage Systems" describes the method and technical acceptance criteria that NRC staff use to review and approve a spent fuel storage cask design. It is available on the NRC web site.
7. Viewgraphs from a June 1998 presentation by Fitzpatrick	During a presentation to Region I staff, Fitzpatrick used these viewgraphs to show its proposed ISFSI.

Enclosure

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| 8. Federal Register Notice on the proposed approval of the HI-STORM 100                | This notice announced NRC's intention to approve the HI-STORM 100 cask design for use in storing spent nuclear fuel at a reactor site under the general license provisions.                          |
| 9. Federal Register Notice publishing the Final Rule approving use of the HI-STORM 100 | This notice announced NRC's approval of the HI-STORM 100 cask design for use in storing spent nuclear fuel.  |
| 10. Safety Evaluation Report for the HI-STORM 100                                      | This document contains the NRC staff's safety evaluation of the HI-STORM 100 cask design that is planned for use at the Fitzpatrick site.  |
| 11. NUREG 1350, Vol 11 (5 copies)  | This is NRC's Information Digest. This document gives a broad overview of NRC's activities. A number of copies are enclosed for your use. More are available through NRC's Office of Public Affairs. |