

Safety Assessment for Spent Fuel Storage Facilities, International Atomic Energy Agency, Vienna, Austria, 1994 (Safety Series No. 118), \$30.00, 68 pp., ISBN: 92-0-105194-8

As U.S. power plants near the capacity of their liquid pool storage for spent fuel rods and the promised federal repository at Yucca Mountain appears to be operational only in the distant future, nuclear power plants are implementing on-site storage in dry fuel casks. Thus, the publication of this volume of IAEA's safety series dealing with the "key safety aspects of safe storage" of spent fuel will be most useful.

This Safety Practices Manual is directed toward priority details on the safety assessment of interim spent fuel storage facilities that are not an integral part of an operating nuclear power plant (another guidance has been written for operational facilities).

This guide has five major (albeit short) chapters:

1. Introduction
 2. Safety Assessment – provides general guidance on the safety assessment program, discussing both deterministic and probabilistic assessment methods
 3. Safety Assessment of Operational States – discusses the safety assessment process for normal operational occurrences
 4. Safety Assessment of Accidents – describes the safety assessment process as it relates to accidents
 5. Safety Analysis Report – describes the purpose and content of the safety analysis report and its relationship to the licensing process
- Appendices – contain an example of a safety analysis report plus a bibliography.

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