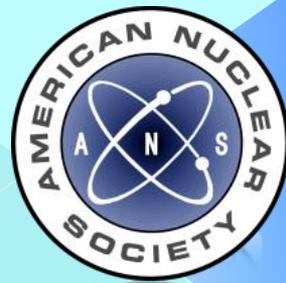


Islands of Stability: Nuclear Energy post Fukushima

Eric P. Loewen, Ph.D.
Vice President/President-Elect
American Nuclear Society

Korean Nuclear Society
May 26, 2011





Korea Cup International Yacht Race 2011





Future of Nuclear Energy





American Nuclear Society Special Technical Committee



American Nuclear Society

nuclear power plant simulators for use
in operator training and examination



an American National Standard



Nuclear News
A PUBLICATION OF THE AMERICAN NUCLEAR SOCIETY
April 2011

OUTAGE MANAGEMENT
Special Section begins on page 49

The Nuclear News Special Report: Fukushima Daiichi after the Earthquake and Tsunami p. 17



published by the
American Nuclear Society
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Island of Stability



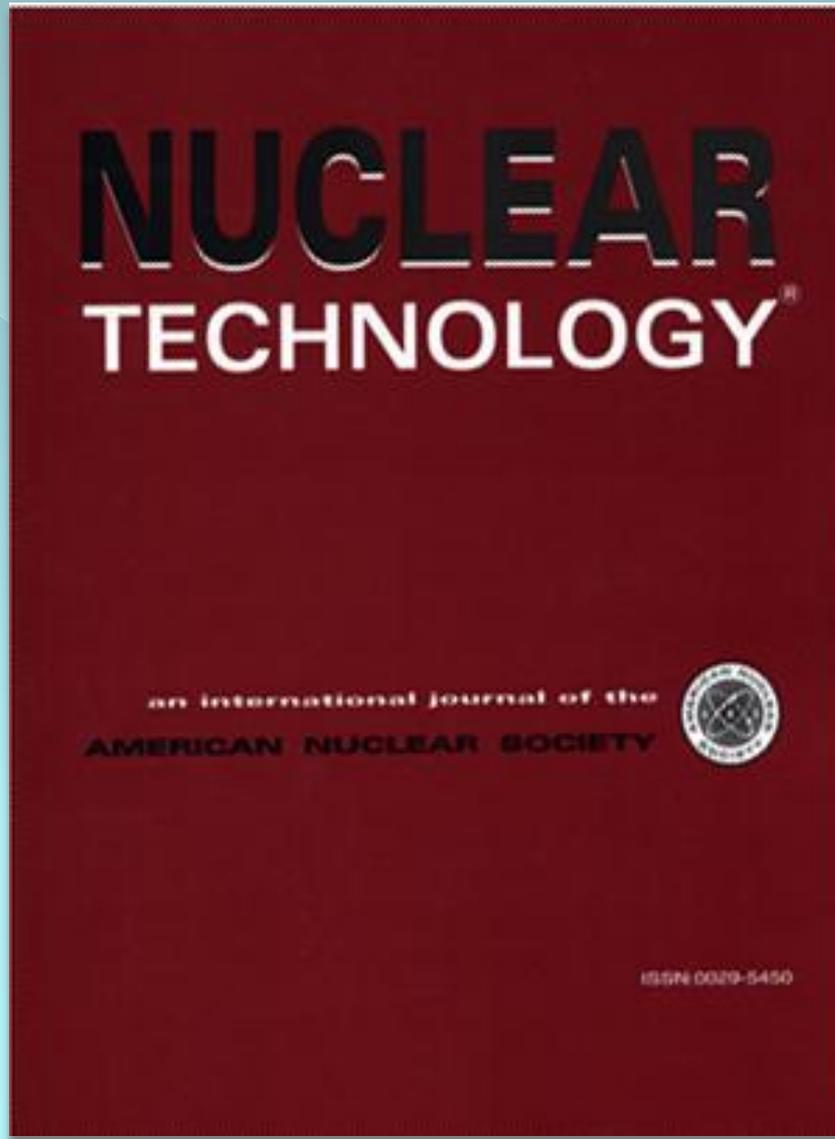






Nuclear power plant sites





In the study of the atomic nucleus...

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Radwaste Solutions

THE MAGAZINE OF RADIOACTIVE WASTE MANAGEMENT AND FACILITY REMEDIATION

JANUARY-APRIL 2011

Spent Fuel/HLW



Also in this issue:

- Breaching the Hanford Tanks—p. 48
- WM10 Best Paper Winners—pp. 64 & 74



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Environmental Remediation

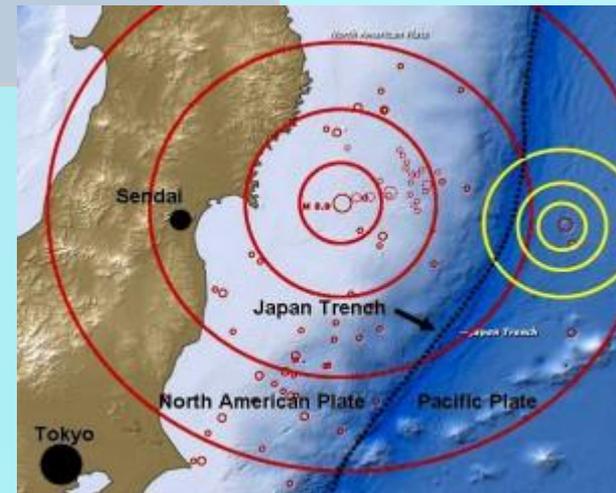
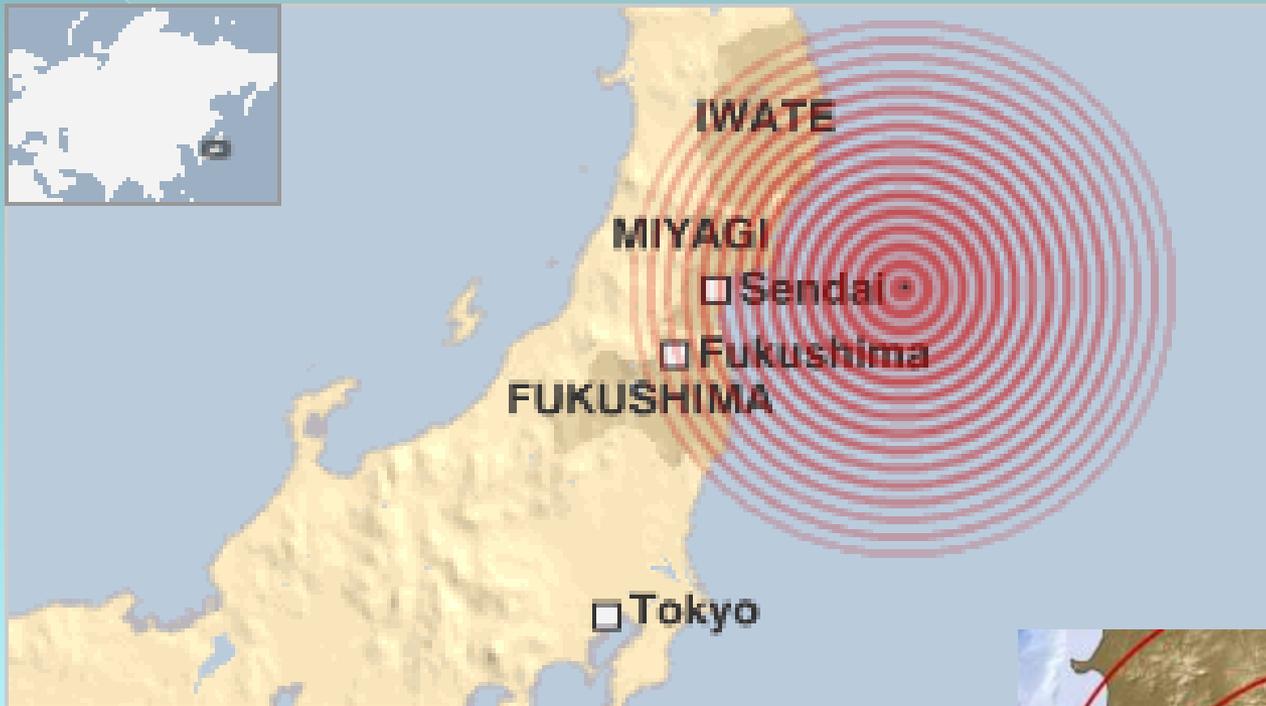


Also in this issue:

- D&D at Paducah and Brookhaven—pp. 36 and 44
- Dade Moeller on Yucca Mountain—p. 52

There are three basic types of radioactive material...





March 10, 2011



THEORETICAL POSSIBILITIES AND CONSEQUENCES OF MAJOR ACCIDENTS IN LARGE NUCLEAR POWER PLANTS

*A Study of Possible Consequences if Certain Assumed Accidents,
Theoretically Possible but Highly Improbable, W
in Large Nuclear Power Plants*



WASH-740

UNITED STATES ATOMIC ENERGY COMMISSION

March 1957

REACTOR SAFETY STUDY AN ASSESSMENT OF ACCIDENT RISKS IN U.S. COMMERCIAL NUCLEAR POWER PLANTS

EXECUTIVE SUMMARY

U.S. NUCLEAR REGULATORY COMMISSION
OCTOBER 1975

U.S. Documents

NUREG-1150
Vol. 1

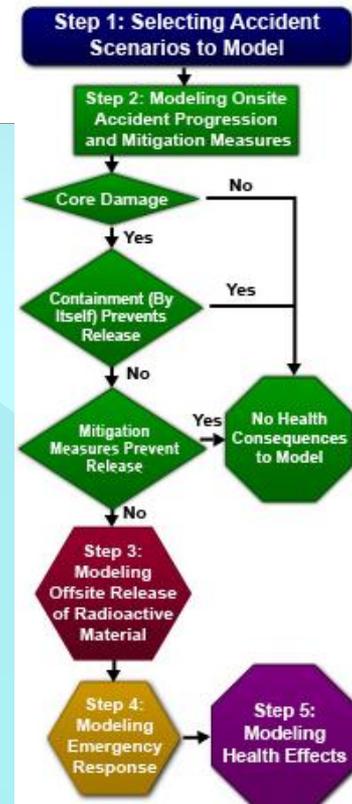
Severe Accident Risks: An Assessment for Five U.S. Nuclear Power Plants

WASH-1400
(NUREG 75/014)

Final Summary Report

U.S. Nuclear Regulatory Commission

Office of Nuclear Regulatory Research



Stability to Go Forward?





Marie Curie



Hudson River Moment





(nytimes.com)

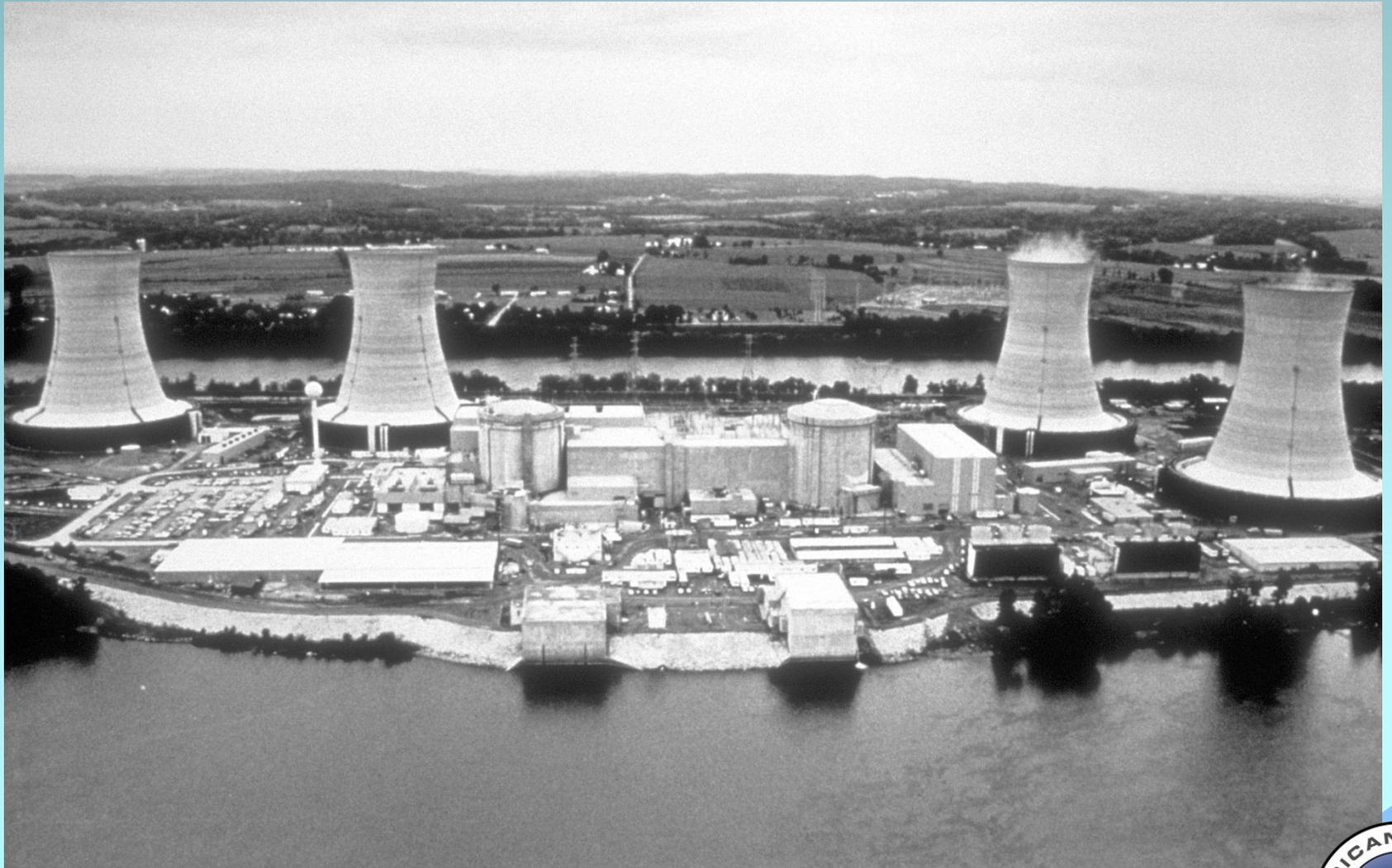


All 155 Passengers Were Rescued



How Well Is the Nuclear Industry Doing in an Unstable World?





Three Mile Island



50 Mile Island of Stability?



Courage to Go Forward





ANS Student Conference





**The major lesson we learn
from this event is water**





All societies need stable, abundant energy



잠시
자리에서 일어나 주십시오.

