OK.

Sam Miranda 11/20/01

NUREG CR 6451

"A Safety and Reg Assess of Generic Impt for Permanently Shutdown NPP + AUR

Interesting, but too theoretical and general to be of use to terrorists.
S Miranda

comparison of techniques for assessing NPP protection against sabotage + HLW repository protection against intrusion

NUREG-1463 Sam M. response 11/19/01 11/15/01

I believe this report would not be of much use to a terrorist, because:

(1) specific valves and locations are not identified – although an expert could probably figure it out

(2) multiple failures are required — so that several well-trained terrorists would have to attack in well-timed, coordinated fashion

(2) valve failures, especially check valve failures, are tough to cause

1-2

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FOIA 2002-0049

IE Bulletin No 79-02
79-02 rev1
79-02 rev1
supp. 1

79-02 rev2

IE Bulletin No 79-14
supp 79-14
supp2 79-14

The study develops a method to estimate the risk of core damage during mid-loop operation (zero power). This is not specific enough* to be of use to a terrorist. OK to release.

S. Miranda 6-10-02

* No plant layout drawings with tag numbers

NUREG/CR-6144
Vol 1, Vol 2 part 1A
Vol 2 part 1B

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rec'vd
IN 6/01

FOIA

ML011520052
ML011130090

PDR

NUREG/CR-6193
NUREG/CR-5942

No useful information for targeting or vulnerability. There is some information and references for method; but it is not specific. It is theoretical, with some experimental results. There are much better sources for method information.

OK for release.
Sam Miranda 12/19/01

NUREG 6193

NUREG/CR ...

OK

1. Report is 20 years old
2. Applies to a very small class of plants
3. Designs probably have not been implemented

2/21/02

NUREG/CR-6193

OK

Ch 2

2/21/02

Accident sequences are:

(1) general

(2) based upon conservative assumptions e.g. multiple equipment failures

This type of info is easily obtained from other sources.

NUREG/IIA-0156

Vol 1, 2, 3

"Database on the Behavior of High Burnup Fuel Rods w/ Zr-1% Nb Cladding & UO_2 Fuel (VVER Type) Under Reactivity Accident Conditions"

1/17/02 PDR 1/17

"Summary of Aircraft Impact Design" TMI

8/28/1969

1/16/02 PDR 1/17

NUO

2/8/02

10052/5608#1

ACN:	8306210146
DATE:	830617
DTC:	CL/*CORRESPONDENCE-LETTERS, UTN/*UTILITY TO NRC
EST_PAGES:	20
L1:	FORWARDS NEDO-22215 'PROCEDURES FOR DETERMINATION OF EXTENT
L2:	OF CORE DAMAGE UNDER ACCIDENT CONDITIONS ' & 'INTEGRATION OF
L3:	OTHER PLANT PARAMETERS INTO CORE DAMAGE ESTIMATE ' PER NRC
L4:	REQUEST.
FICHE:	18919:129-18919:187
PFL:	TOPRP-EMVGENE-C-830617
RPT:	BWROG-8324
RN#1:	EISENHUT D G
AN#1:	DENTE T J
RA#1:	NRRL/@DIVISION OF LICENSING (800428-851124)
REFAFFIL:	TOP-EMVGENE/@GENERAL ELECTRIC CO.
AA#1:	EUTOGBWR/@BWR OWNERS GROUP
PACKAGE:	830617-8306210146*
OTHER:	8306210146

OK to release 2/12/02

To NRR Review

From Teresa Linton
PDR

Please review. A member of the public has requested this.

Thanks!

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WASHINGTON, D.C. 20555-0001

PDR

11/15/01

NUREG-CR 4858

11/19/01

Chet has spent fuel casks.

Search results OTSG stainless components. 11/20

NUREG/CR-4048
BNL-NUREG-51834

A Methodology for Allocating Reliability and Risk

Manuscript Completed: March 1986
Date Published: May 1986

Prepared by
N. Z. Cho, I. A. Papazoglou, R. A. Bari

Department of Nuclear Energy
Brookhaven National Laboratory
Upton, NY 11973

Prepared for
Division of Safety Review and Oversight
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555
NRC FIN A3728

Very theoretical – with some very general, functional fault trees for feedwater and safety injection.
OK to release.

S. Miranda

OK to release—

Report describes (and lists) a code that is 18 years old. Input data, consisting mainly of weather patterns and population density, are also 18 yrs old.

This type of code, if updated to modern technology, and used with current input data, might be useful in determining the day in which an attack would be most effective. There are much better sources available for this purpose.

Sam Miranda 12/26/01

NUREG/CR-2326
SAND81-1994
AN, NTIS

CALCULATIONS OF REACTOR ACCIDENT CONSEQUENCES VERSION 2

CRAC2

COMPUTER CODE

USER'S GUIDE

L. T. Ritchie
J. D. Johnson*
R. M. Blond**

Date Published: February 1983

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NRC FIN No. A-1042

*The Dikewood Corporation (currently with Science Applications, Inc.)
**US Nuclear Regulatory Commission