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U.S. Nuclear Regulatory Commission
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Subject: **NEDO-33201, Revision 2, "ESBWR Probabilistic Risk Assessment,"
               Sections 1 through 7**

Enclosure 1 contains the subject partial ESBWR Probabilistic Risk Assessment (PRA)
document (Revision 2). Additional Chapters will be provided in the August - September,
2007 time frame and the complete PRA document will be provided by September 28,
2007, as previously outlined in our integrated plan (Reference 1).

If you have any questions or require additional information regarding the information
provided here, please contact me.

Sincerely,

George Stramton for

James C. Kinsey
Project Manager, ESBWR Licensing

General Electric Company

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NRO

Reference:

1. MFN 07-200, Letter from James C. Kinsey to U.S. Nuclear Regulatory Commission, *Integrated Plan and Schedule – ESBWR Design Certification Application,* April 19, 2007

Enclosure:

1. MFN 07-237 – NEDO-33201, Revision 2, "ESBWR Probabilistic Risk Assessment:"

   Section 1 – Introduction

   Section 2 – Initiating Events

   Section 3 – Accident Sequence Analysis

   Section 4 – System Analysis

   Section 5 – Data Analysis

   Section 6 – Human Reliability Analysis

   Section 7 – Core Damage Frequency Quantification

cc:	AE Cubbage	USNRC (with enclosures)
	DH Hinds	GE (w/o enclosures)
	RE Brown	GE (w/o enclosures)
	eDRFs	0000-0067-3722 (Section 1)
		0000-0066-8835 (Section 2)
		0000-0067-4473 (Section 3)
		0000-0067-5785 (Section 4)
		0000-0066-6907 (Section 5)
		0000-0067-4004 (Section 6)
		0000-0067-4818/1 (Section 7)

ENCLOSURE 1

MFN 07-237

NEDO-33201, Revision 2,
"ESBWR Probabilistic Risk Assessment:"

- Section 1 – Introduction
- Section 2 – Initiating Events
- Section 3 – Accident Sequence Analysis
- Section 4 – System Analysis
- Section 5 – Data Analysis
- Section 6 – Human Reliability Analysis
- Section 7 – Core Damage Frequency Quantification