Westinghouse Electric Corporation Energy Systems

Box 355
Pittsburgh Pennsylvania 15230-0355

NTD-NRC-95-4547
DCP/NRC0395
Docket No.: STN-52-003

September 6, 1995

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

ATTENTION: T. R. QUAY

SUBJECT: AP600 CONTAINMENT VESSEL

Dear Mr. Quay:

The following material is submitted as requested during the meeting with NRC staff and their consultants at CBI offices on August 30 and 31, 1995:

1) Figures B-1 a, b and c, Nuclear Island Structures, SSE Seismic Responses

These figures identify the Floor Response Spectra at the base of the containment vessel (elevation 100'). These spectra were obtained from the seismic analyses performed in 1993 and documented in the SSAR at that time.

An electronic file with these spectra was transmitted to F. Fanous of Ames Lab on June 27, 1994.

2) 1992 ASME Section III, Subsection NE Code Changes relative to the 1989 Code

This table summarizes the changes incorporated in the 1992 edition of the ASME Code related to design of the containment vessel. The 1992 edition of the code is referenced in SSAR Subsection 3.8.2.2, Revision 3. The changes since the 1989 edition do not affect design of the vessel.

110070
9509120083 950906
PDR ADOCK 05200003
A PDR

E004.1

If you have any questions, please contact me on (412) 374-4334 or Richard Orr on (412) 374-5924.

Brian A. McIntyre, Manager
Advanced Plant Safety and Licensing

/nja

Attachment

cc:

T. Cheng	NRC
L. Greimann	Ames Lab
T. Ahl	CBI
N. J. Liparulo	Westinghouse

Figure B-1a
Steel Containment Vessel
@ Elevation 100.00', Center of Mass
North-South Floor Response Spectra

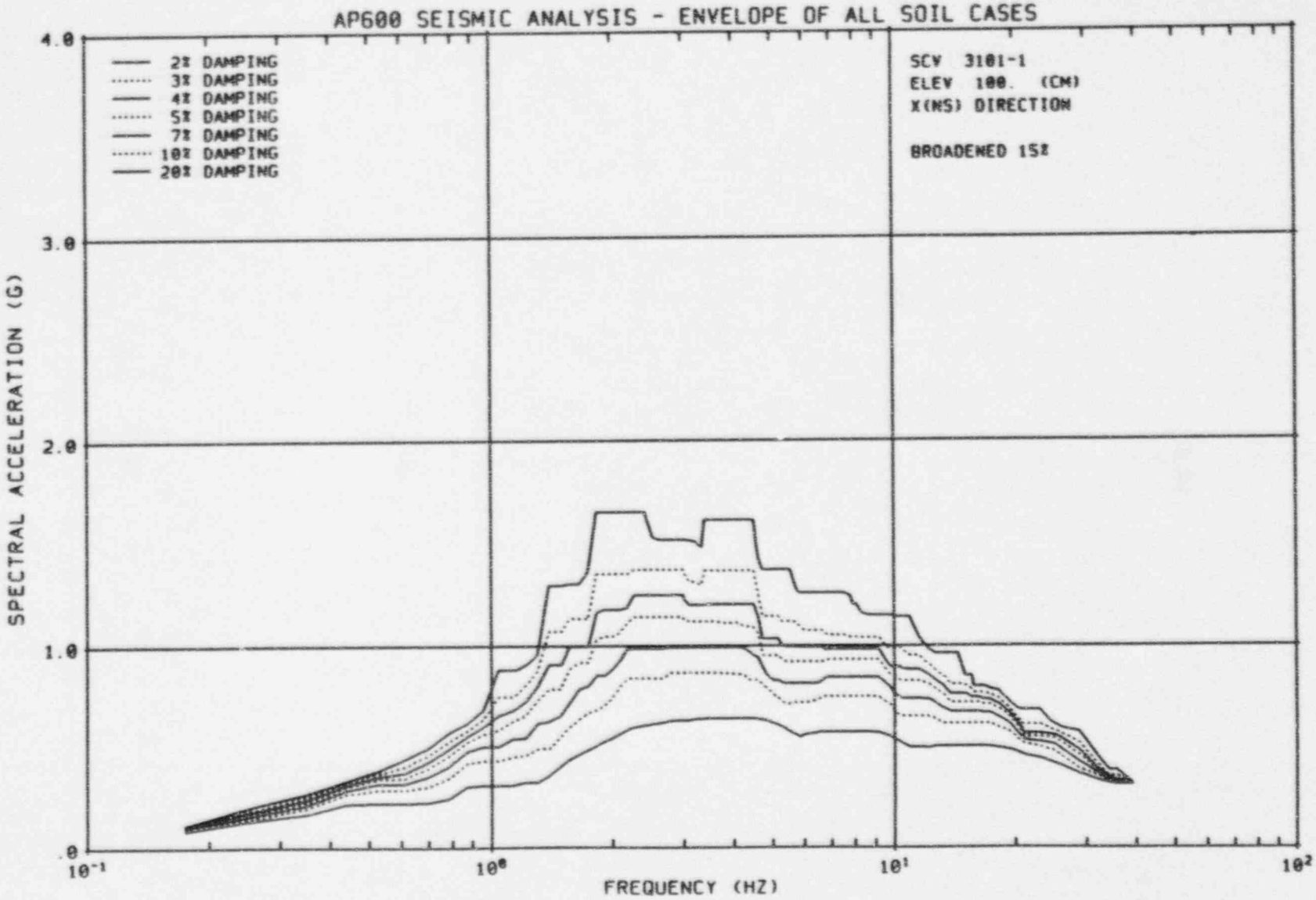


Figure B-1b
Steel Containment Vessel
@ Elevation 100.00', Center of Mass
East-West Floor Response Spectra

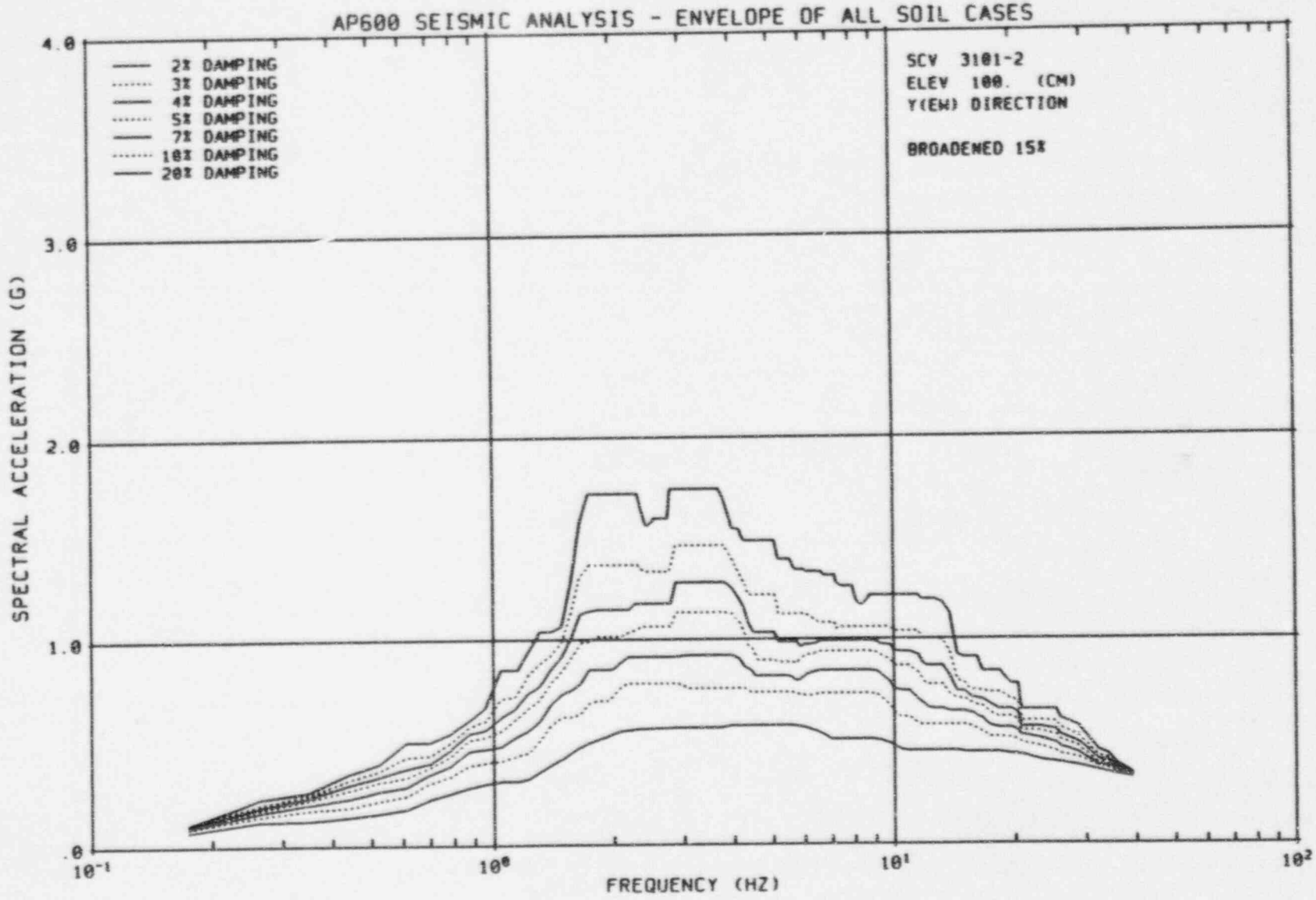
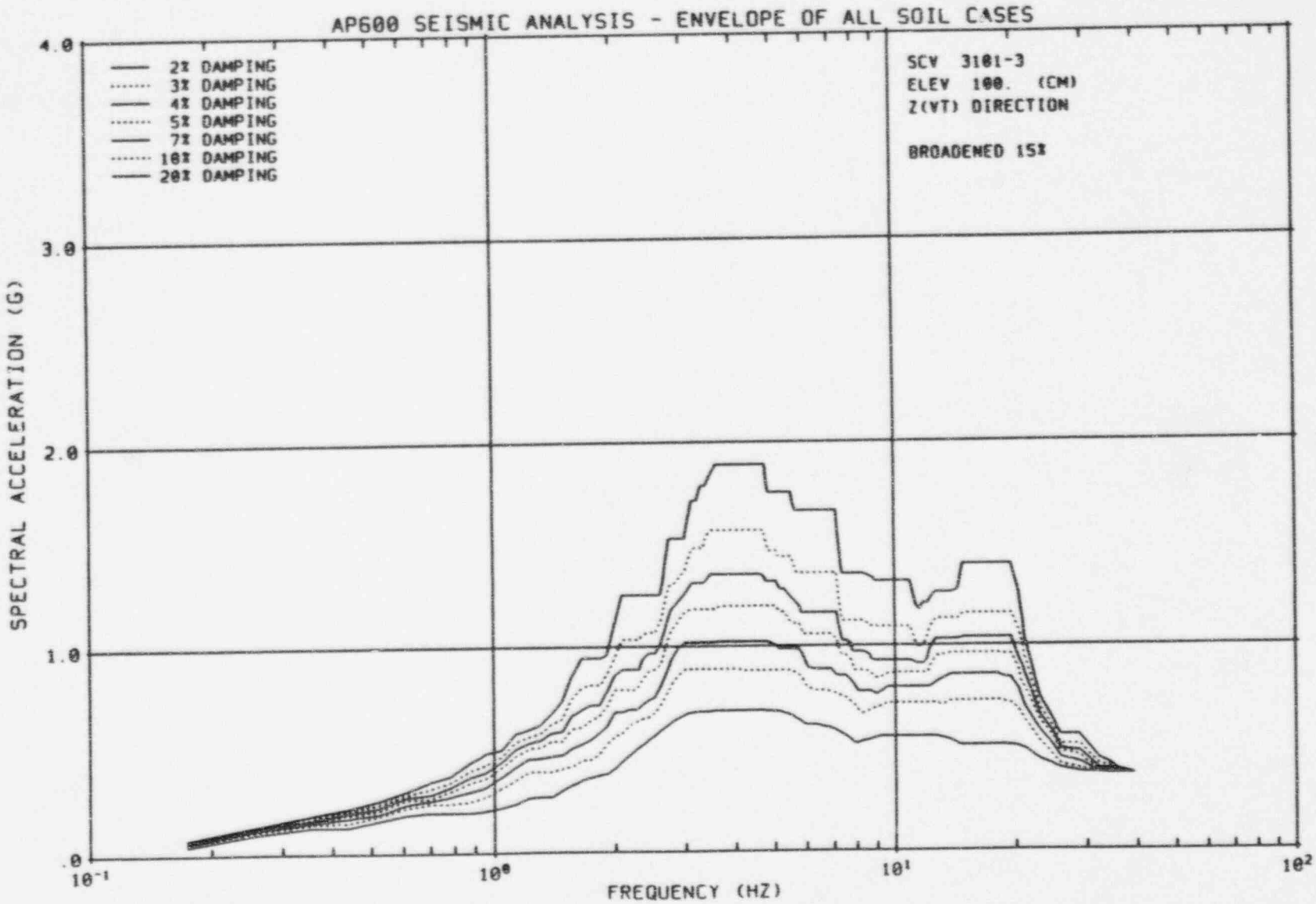


Figure B-1c
Steel Containment Vessl
@ Elevation 100.00', Center of Mass
Vertical Floor Response Spectra



1992 ASME SECTION III, SUBSECTION NE CODE CHANGES RELATIVE TO 1989 CODE

LOCATION	ADDENDUM	BRIEF DESCRIPTION OF CHANGE
Fig. NE-1132.2-1 through -3	A90	Applies to Jurisdictional Boundary[a].
NE-2121	A90 and A91	Permitted Material Specifications Tables NE-2121(a)-1 and -2 are new[a].
NE-2190	A90	Nonpressure-Retaining Material[a].
NE-2420(2)(f)	A91	Required tests[a].
NE-2510	A90	Pressure Retaining Material - Examined and Repaired[a].
NE-3112.4	A91	Allowable Stress Intensity and Stress Values - Reference to Table I-10.0 changed to Table I-7.0[a].
NE-3122	A91	Cladding[a].
NE-3122.4(a), (b)	A91	Integrally Clad Plate[a].
Table NE-3132-1	A89 and A90	Dimensional Standards[a].
NE-3133.2	A91	Nomenclature, S - Reference to Table I-10 changed to Table I-7[a].
NE-3133.6(a)	A91	Reference to Table I-10.0 changed to Table I-7.0[a].
NE-3134.6	A91	Reference to Table I-10.0 changed to Table I-7.0[a].
NE-3227.1(1)	A91	Reference to Table I-10.2 changed to Table I-7.2[a].
NE-3231	A91	Reference to Table I-10.3 changed to Table I-7.3[a].
NE-3232	A91	Reference to Table I-10.3 changed to NE-3231(a)[a].
NE-3232.1 and .2	A91	Reference Table I-10.3 changed to I-7.3[a].
NE-3324.8(c)	A91	Reference Table I-10.0 changed to I-7.0[a].
NE-3325.1	A91	Reference Table I-10.0 changed to I-7.0[a].
NE-3338.1	A90	Pressure Stresses in Openings for Fatigue Evaluation under operating Conditions[a].
NE-3366.2	A91	Design Requirements - Reference Table I-10.0 changed to I-7.0[a].
NE-4335.1(c)	A89	Impact Tests of Weld Material[a].
Table NE-4622.7(b)-1	A90	Footnotes[a].
NE-7xxx	A91	Minor Changes that do not affect the design of the Containment Vessel.

[a]This does not affect the Containment Vessel design.