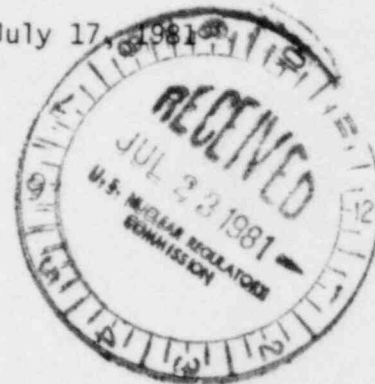




Wisconsin Electric POWER COMPANY

231 WEST MICHIGAN, MILWAUKEE, WISCONSIN 53201

July 17, 1981



Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. NUCLEAR REGULATORY COMMISSION
Washington, D.C. 20555

Attention: Mr. Robert Clark, Chief
Operating Reactors Branch No. 3

Gentlemen:

DOCKET NOS. 50-266 AND 50-301
ADDITIONAL INFORMATION REGARDING
MASONRY WALL IE BULLETIN 80-11
POINT BEACH NUCLEAR PLANT, UNIT NOS. 1 AND 2

On June 9-11, 1981, members of your Staff met with Wisconsin Electric and our consultants at the Point Beach Nuclear Plant to conduct an onsite review and audit of our responses to IE Bulletin 80-11, Masonry Walls. Discussions were held during this meeting to resolve differences between the NRC Staff's design criteria and the criteria used by Wisconsin Electric in evaluating the Point Beach masonry walls. An end result of these discussions was the formulation of 21 action items which would resolve the NRC's concerns regarding the analysis of masonry walls at the Point Beach Nuclear Plant. These action items were formally transmitted to us with Mr. Colburn's summary of meeting minutes dated July 1, 1981.

A number of these action items requested that information be provided to your Staff by July 15, 1981. The attachments and enclosures to this letter provide our responses to those items. These attachments include responses to items 2, 3, 10, 12, 14, and 17 and that portion of the response to item 1 requested by July 15.

Please notify us if you have any questions regarding this information.

Very truly yours,

C. W. Fay, Director
Nuclear Power Department

Handwritten notes:
A001
5//
DRUGS TO:
BC
APERTURE
DIST

Enclosure

Copy to: NRC Resident Inspector (less encl.)
Point Beach Nuclear Plant

Blind copies to Messrs. McNeer, Burstein, Gorske/Finke, Porter,
Reed, Charnoff, Stevens

8107270156 810717
PDR ADOCK 05000266
Q PDR

Handwritten note: LIMITED DIST

COMPUTECH

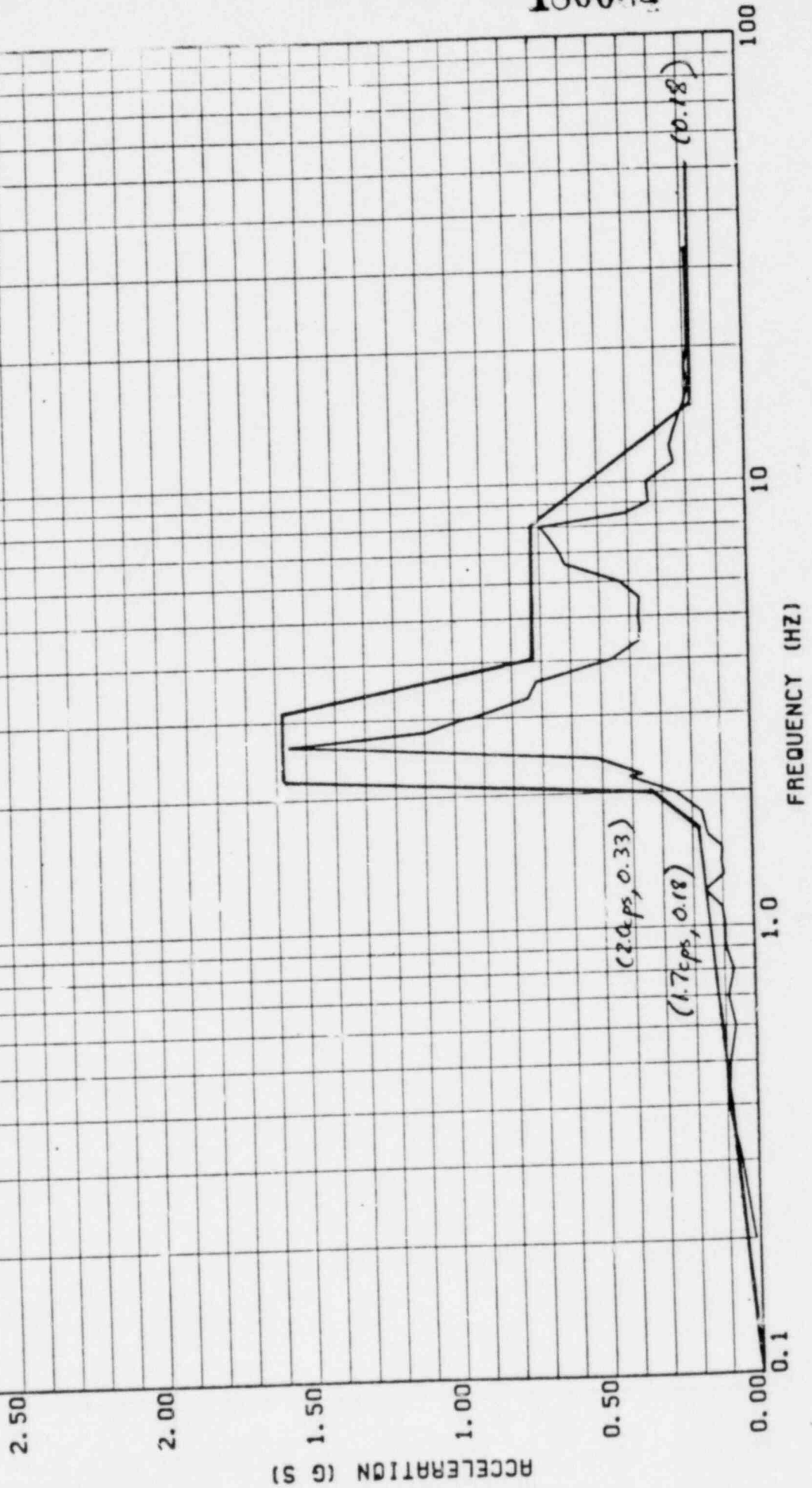
10/17/80

GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541

ORIGINAL SPECTRUM: CONTROL ROOM BUILDING ELEVATION: 8 FEET

LEGEND
2.0% DAMPING



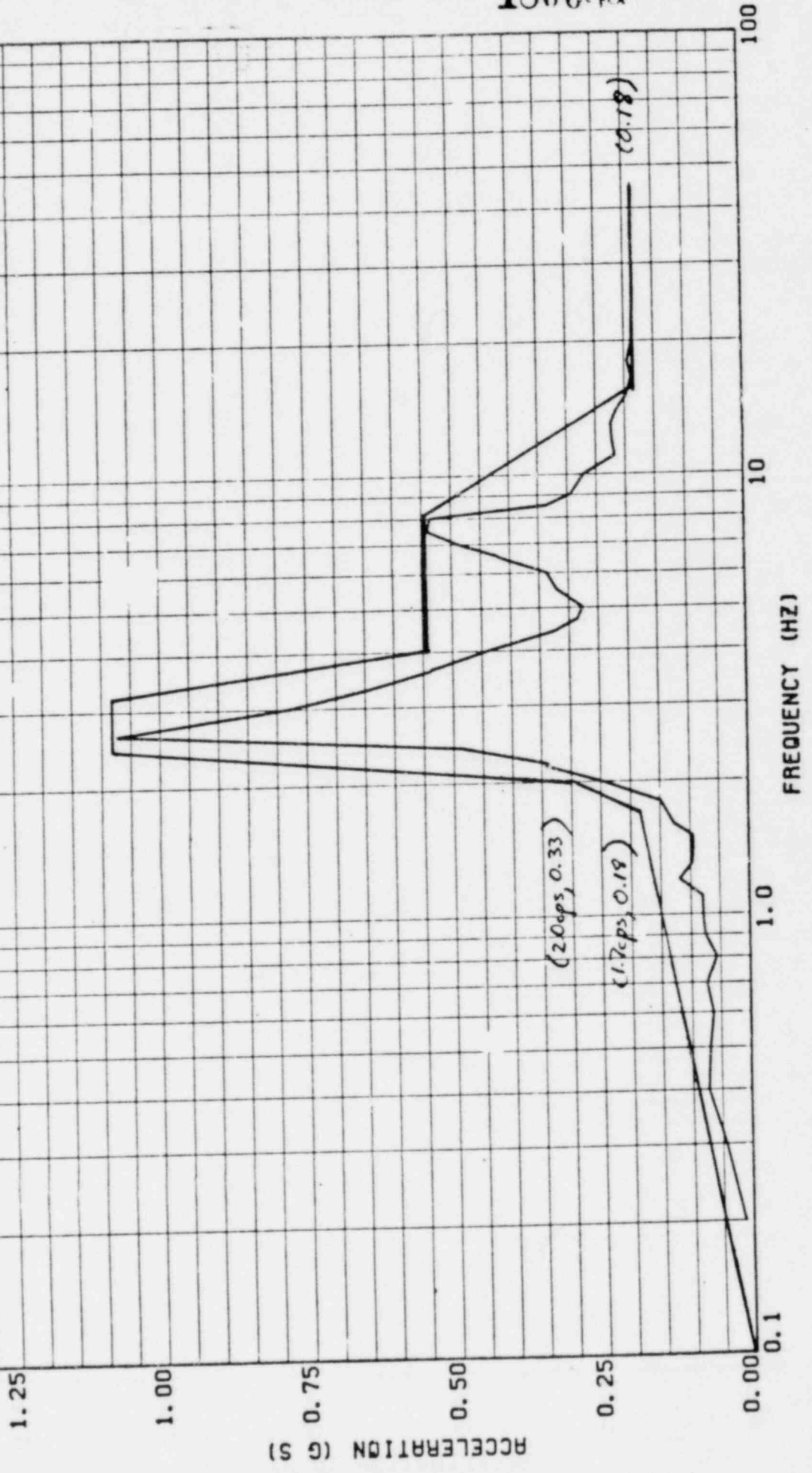
COMPUTECH

10/17/80

GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CONTROL ROOM BUILDING ELEVATION: 8 FEET

LEGEND
4.0% DAMPING



ACCELERATION (G S)

FREQUENCY (HZ)

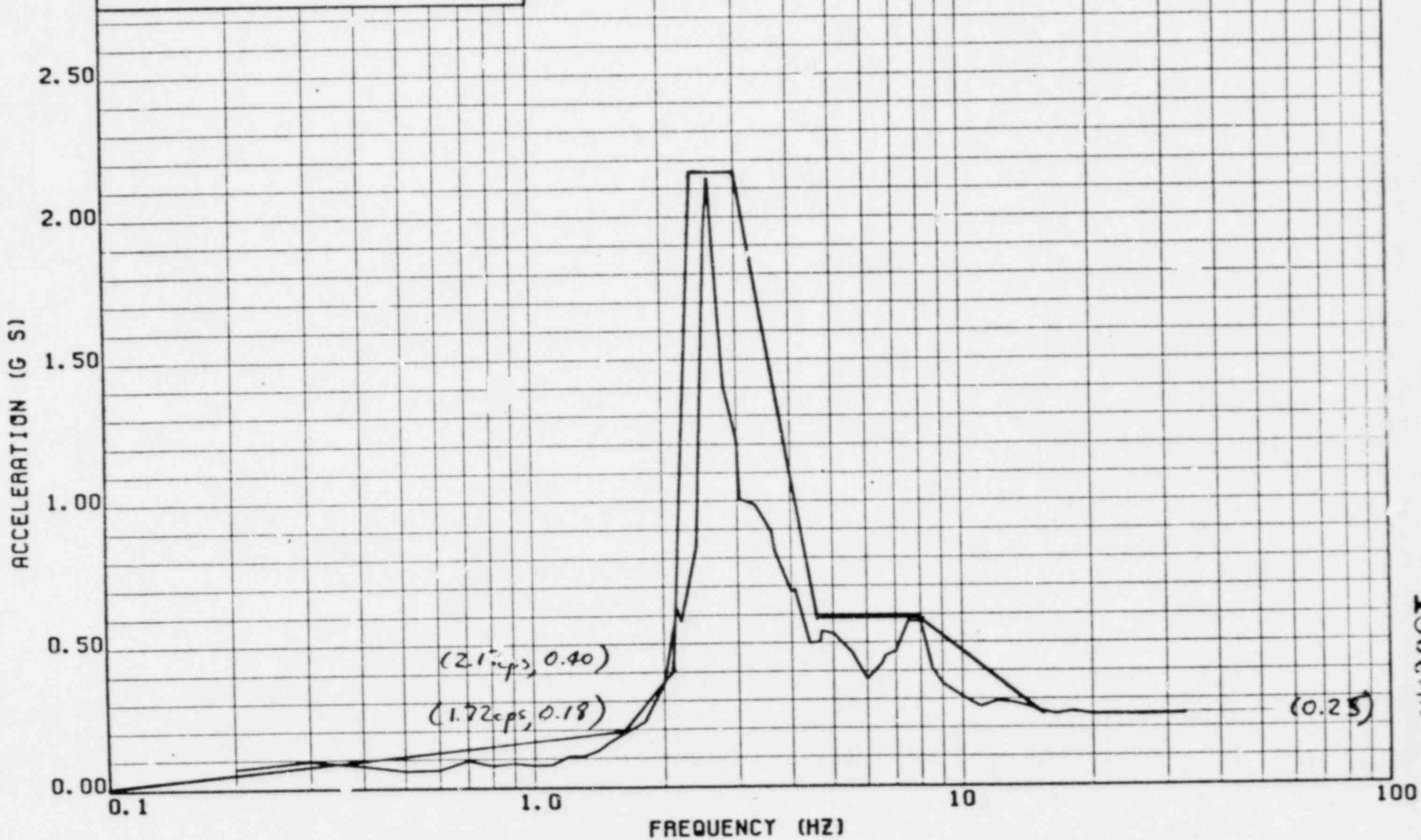
GENERATED RESPONSE SPECTRA

COMPUTECH

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CONTROL ROOM BUILDING ELEVATION: 26.0 FEET

10/17/80

LEGEND
2.0% DAMPING



1800374

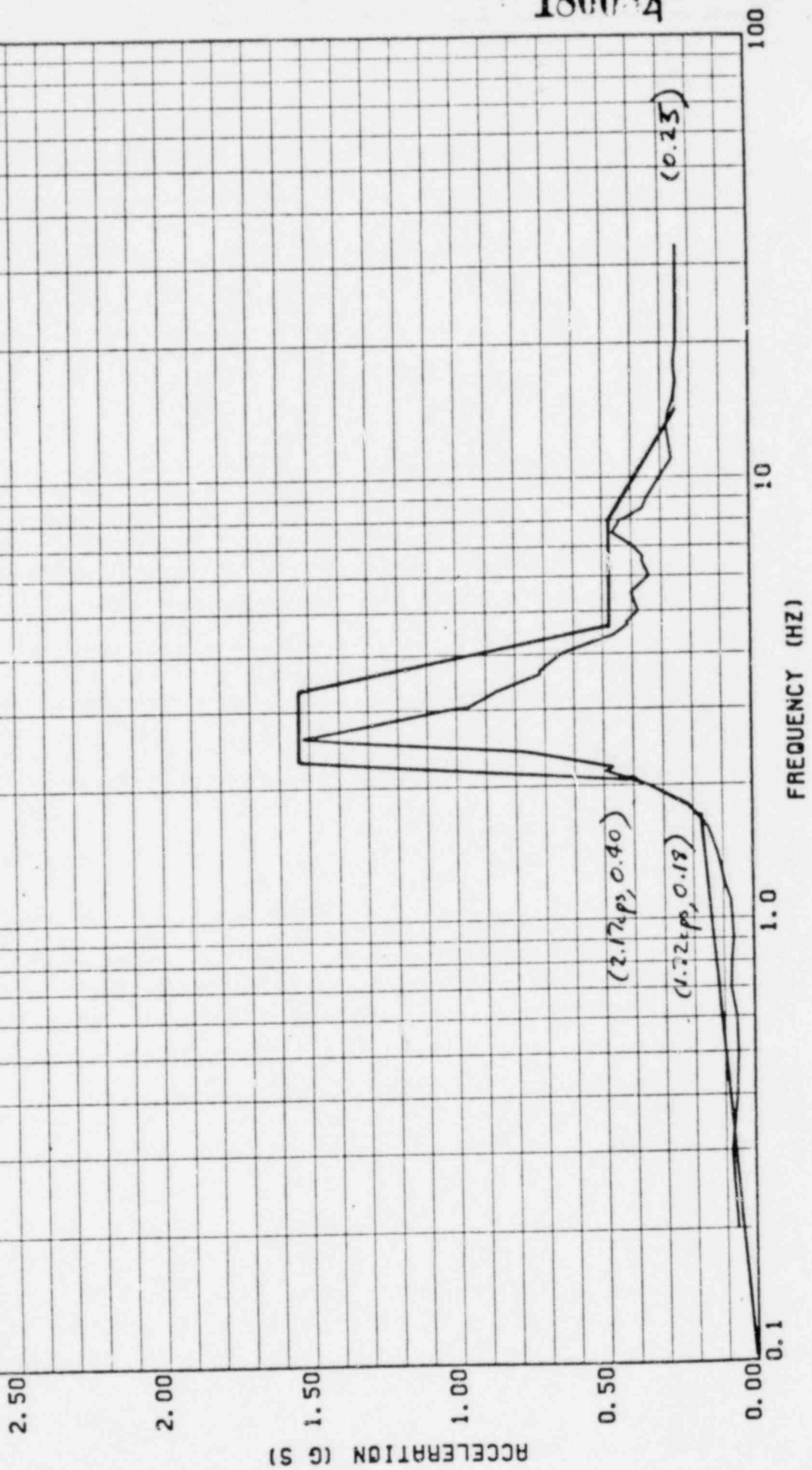
COMPUTECH

10/17/80

GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CONTROL ROOM BUILDING ELEVATION: 26.0 FEET

LEGEND
4.0% DAMPING



ACCELERATION (G)

FREQUENCY (HZ)

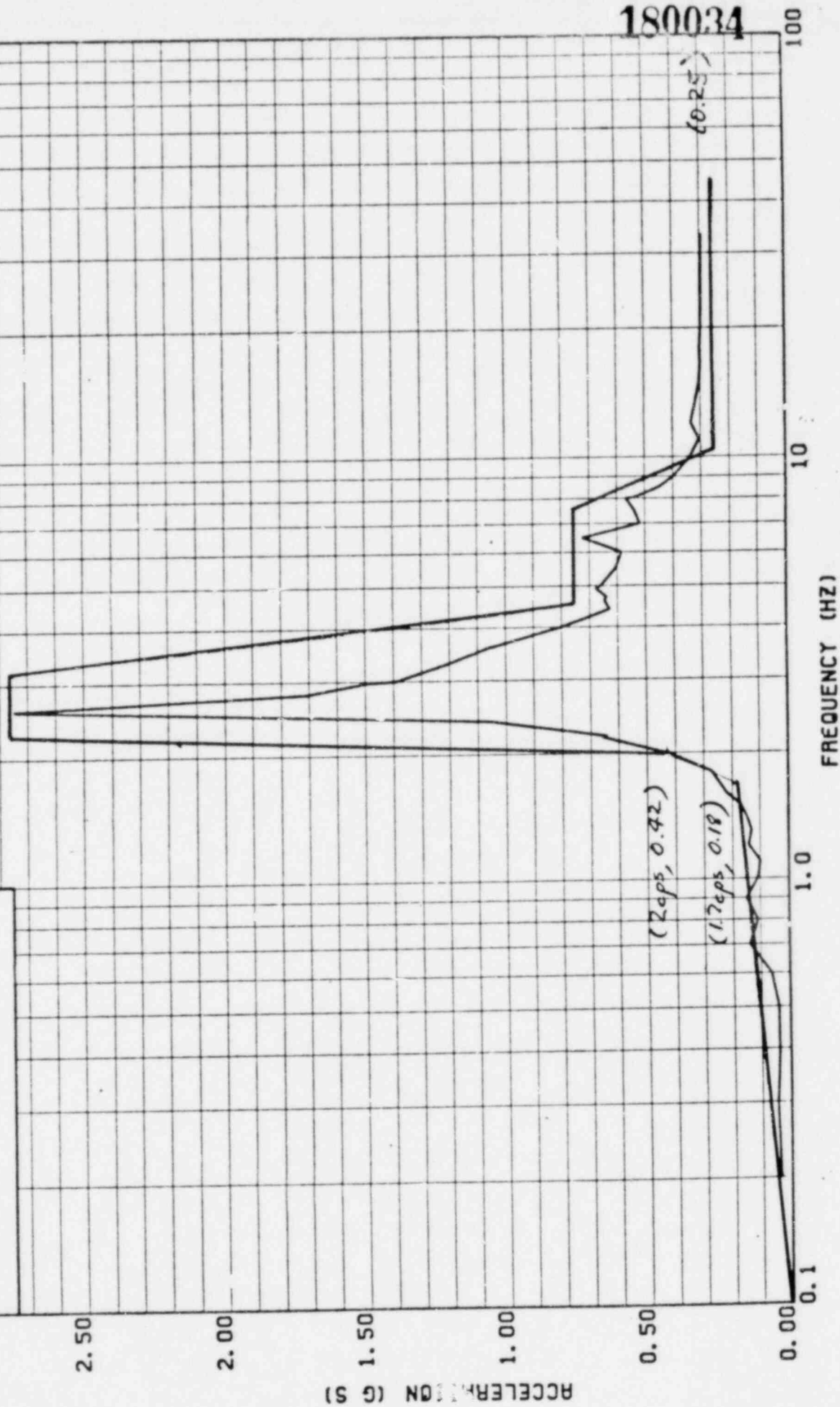
GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CONTROL ROOM BUILDING ELEVATION: 44.0 FEET

COMPUTECH

10/17/80

LEGEND
2.0% DAMPING



ACCELERATION (G)

FREQUENCY (HZ)

180034

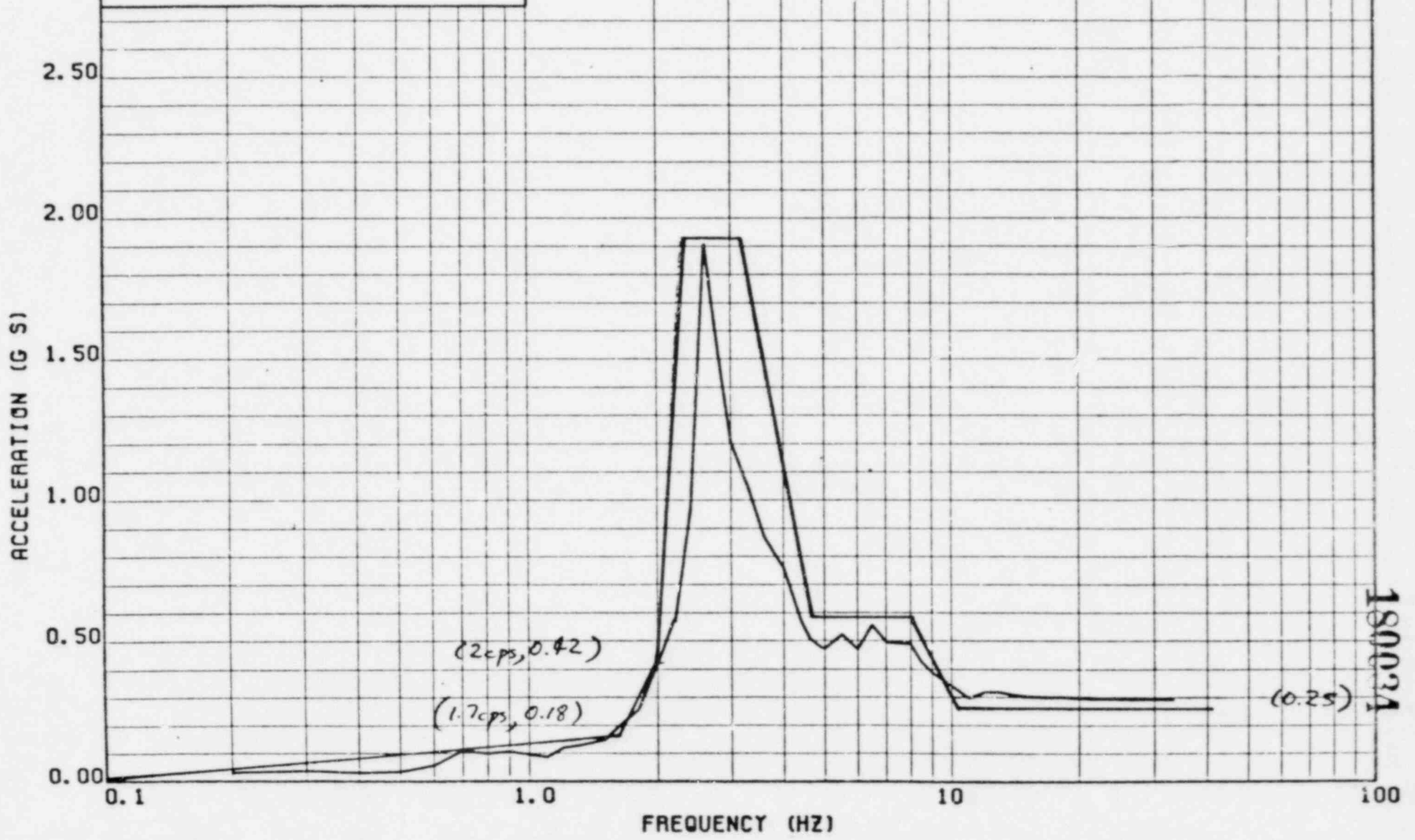
GENERATED RESPONSE SPECTRA

COMPUTECH

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CONTROL ROOM BUILDING ELEVATION: 44.0 FEET

10/17/80

LEGEND
4.0% DAMPING



GENERATED RESPONSE SPECTRA

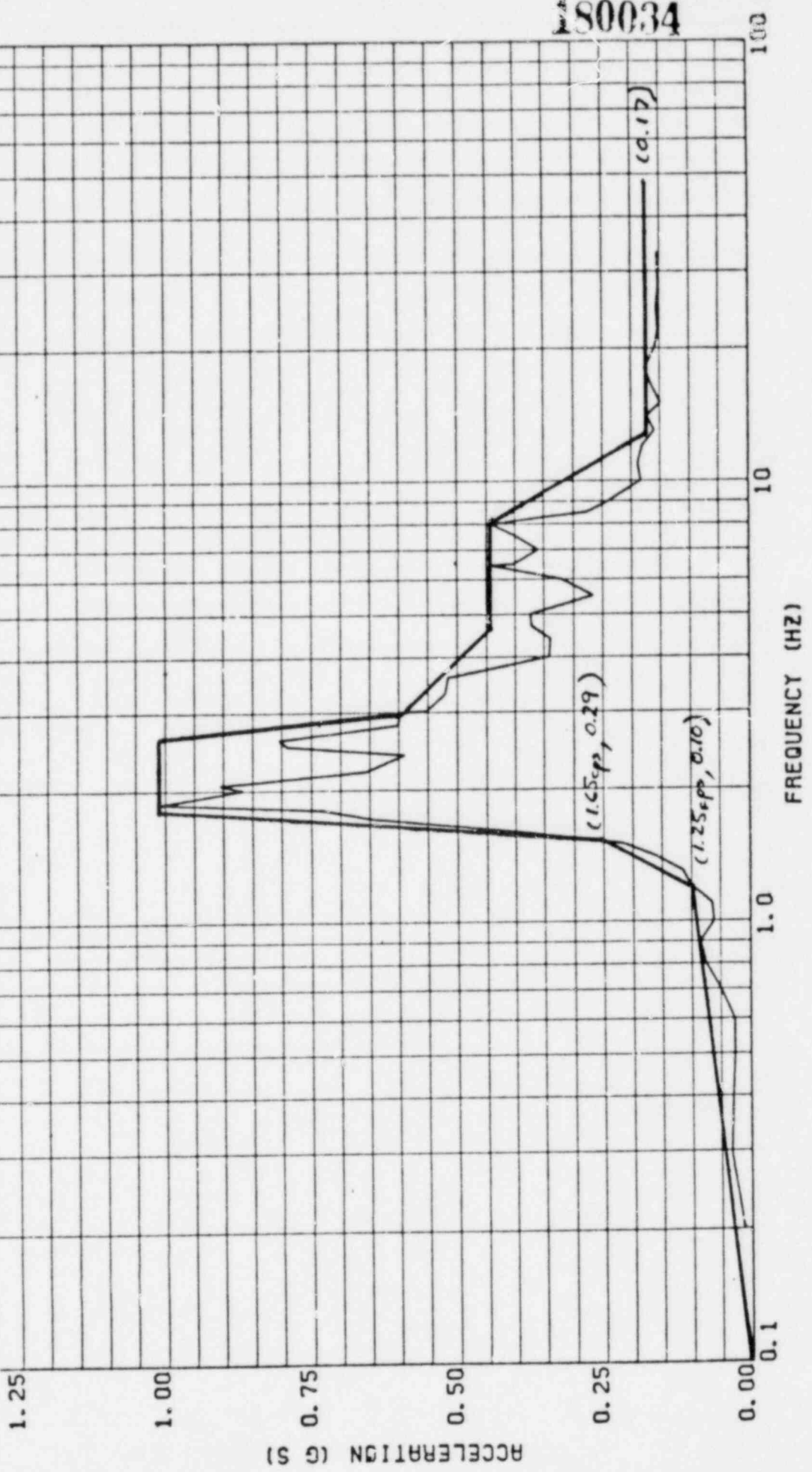
JOB: POINT BEACH PROJECT 541

ORIGINAL SPECTRUM: CENTRAL PART BUILDING ELEVATION: 8 FEET

COMPUTECH

10/17/80

LEGEND
— 2.0% DAMPING



80034

ACCELERATION (G S)

FREQUENCY (HZ)

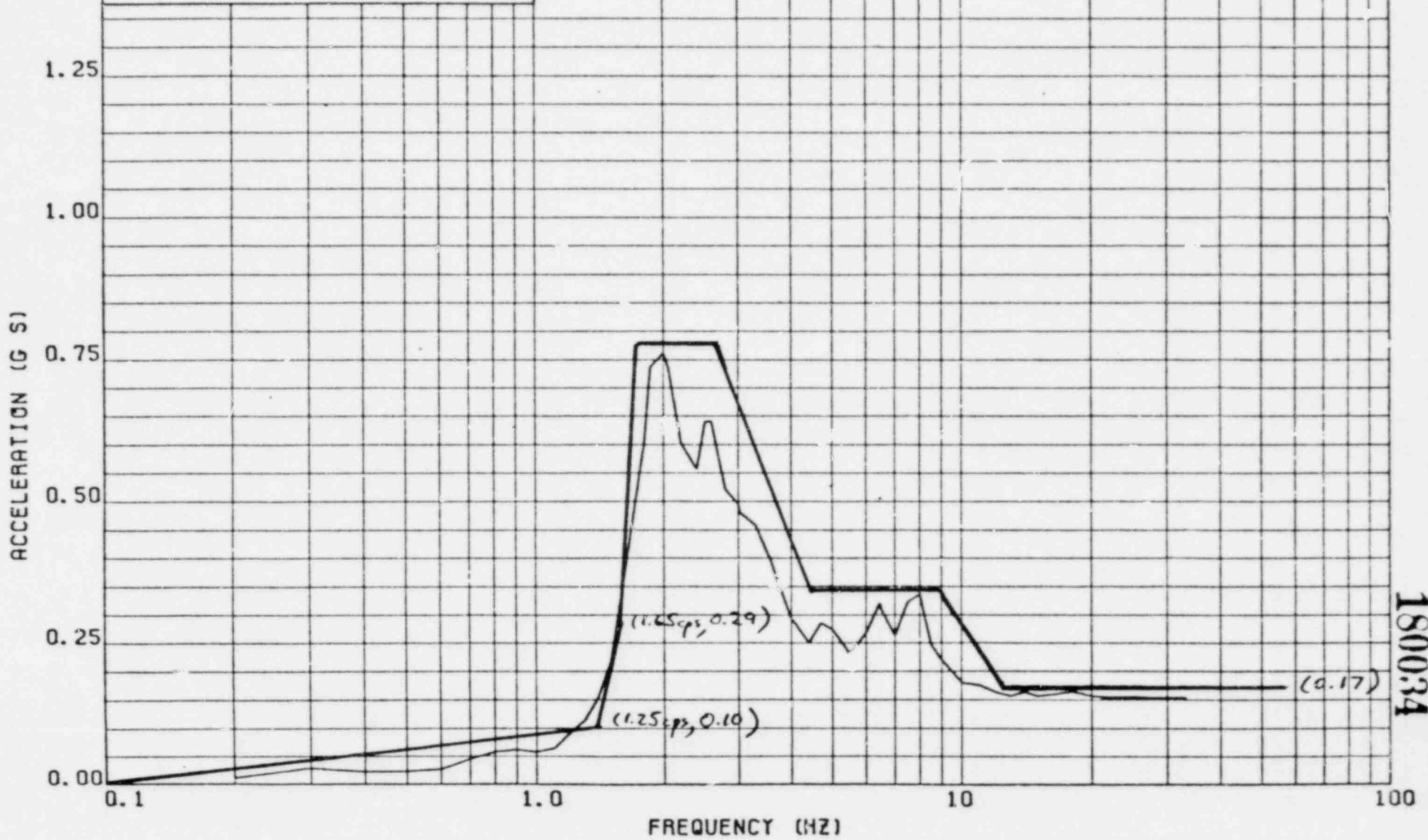
GENERATED RESPONSE SPECTRA

COMPUTECH

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CENTRAL PART BUILDING ELEVATION: 8 FEET

10/17/80

LEGEND
4.0% DAMPING



180034

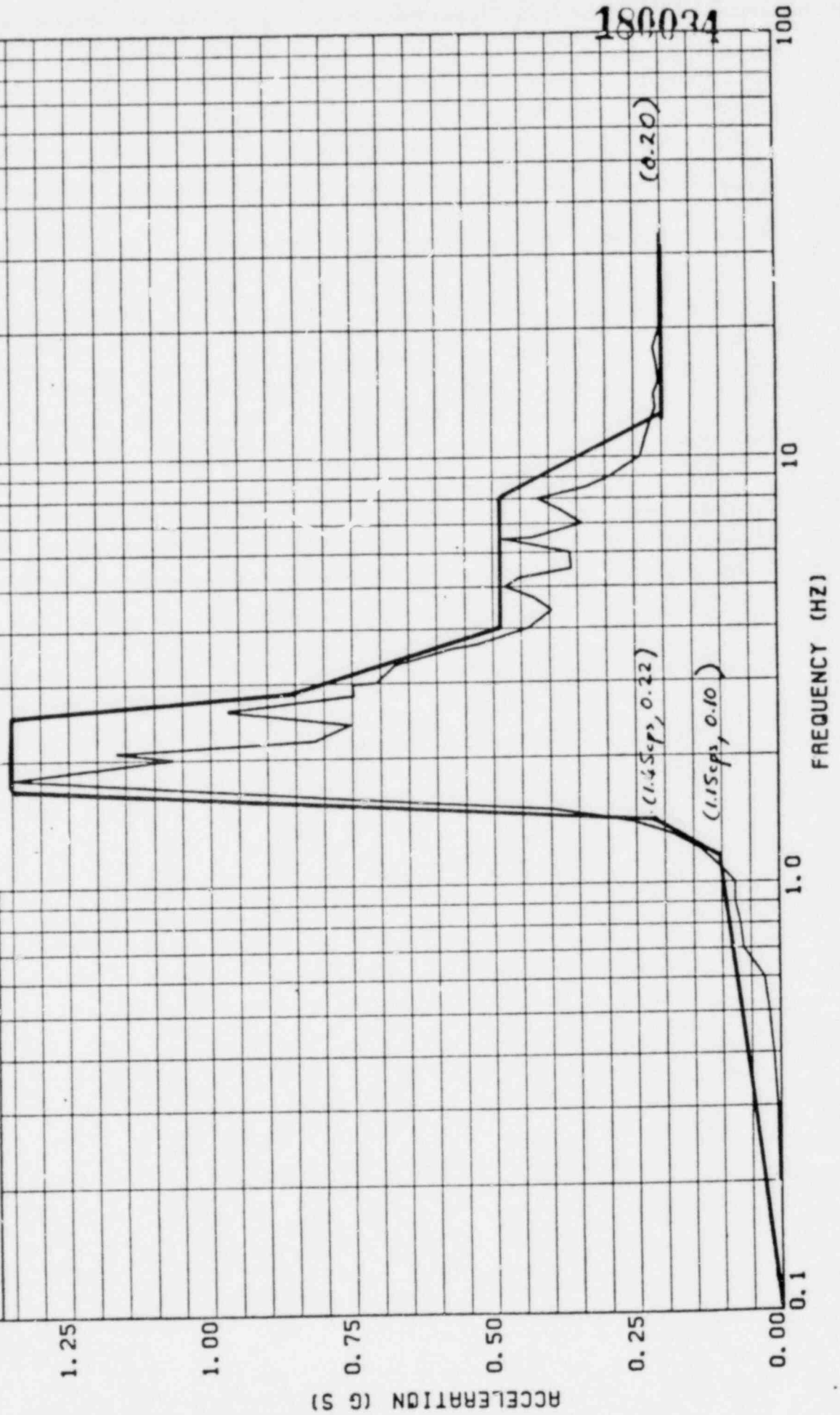
GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT J41
ORIGINAL SPECTRUM: CENTRAL PART BUILDING ELEVATION: 26.0 FEET

COMPUTECH

10/17/80

LEGEND
2.0% DAMPING



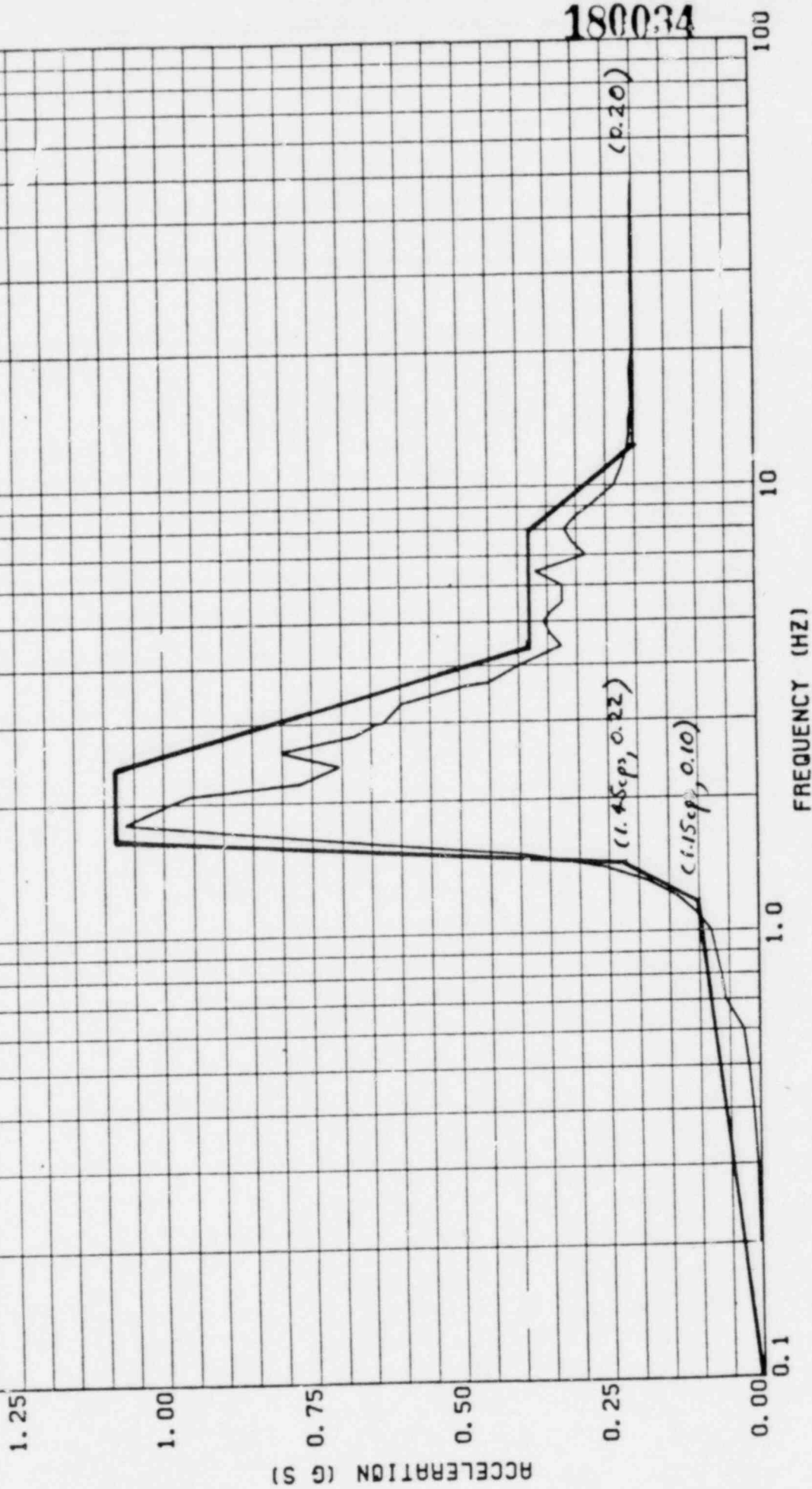
GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CENTRAL PART BUILDING ELEVATION: 26.0 FEET

COMPUTECH

10/17/80

LEGEND
4.0% DAMPING

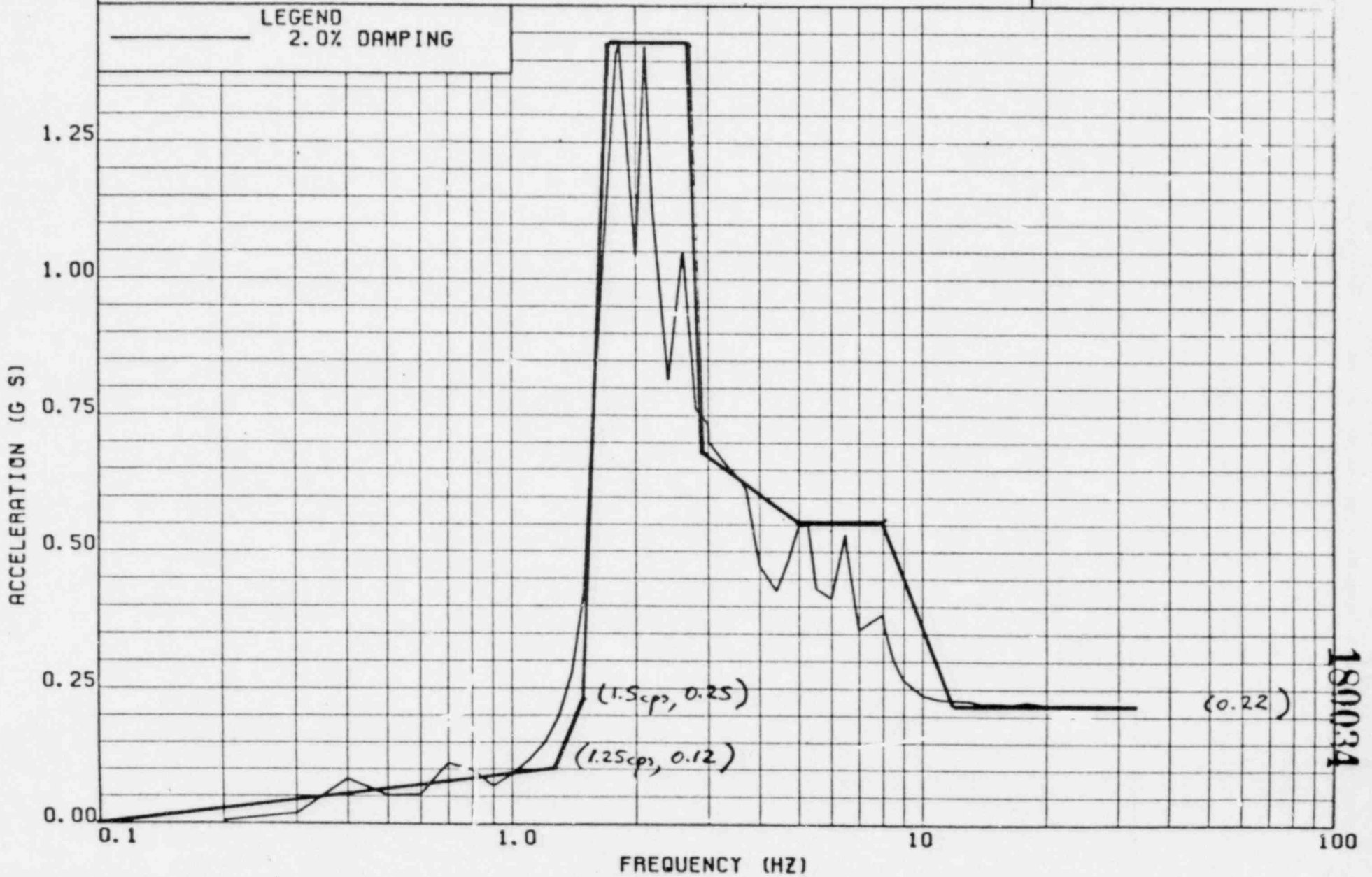


GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CENTRAL PART BUILDING ELEVATION: 44.3 FEET

COMPUTECH

10/17/80



GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: CENTRAL PART BUILDING ELEVATION: 44.3 FEET

COMPUTECH
10/17/80

LEGEND
4.0% DAMPING

1.25

1.00

0.75

0.50

0.25

0.00

ACCELERATION (G S)

(1.5cps, 0.25)
(1.25cps, 0.12)
0.22

0.1

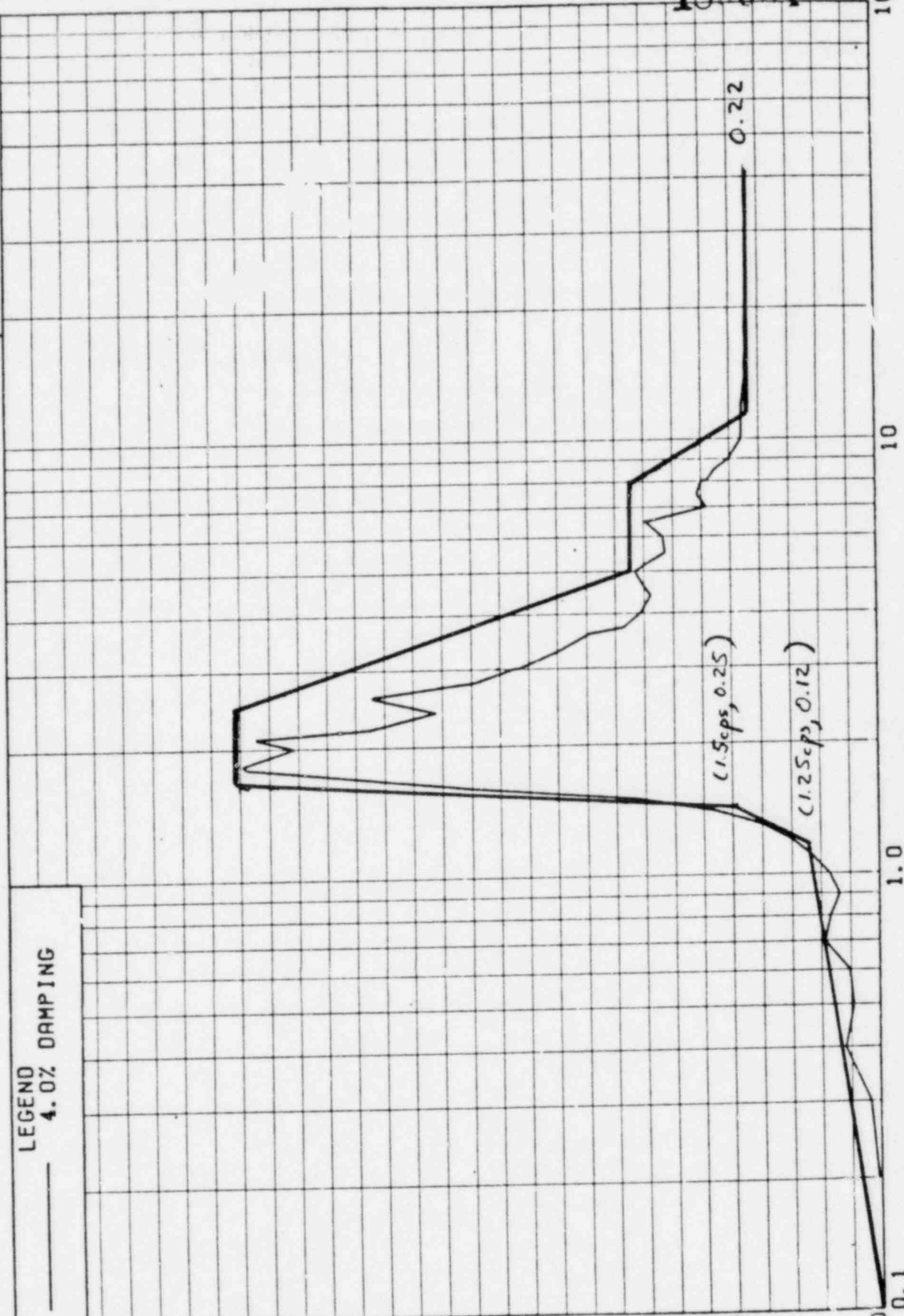
1.0

10

100

FREQUENCY (HZ)

180034



COMPUTECH

10/19/80

GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: AUXILIARY SOUTH WING BUILDING ELEVATION: 8 FEET

LEGEND
2.0% DAMPING

1.25

1.00

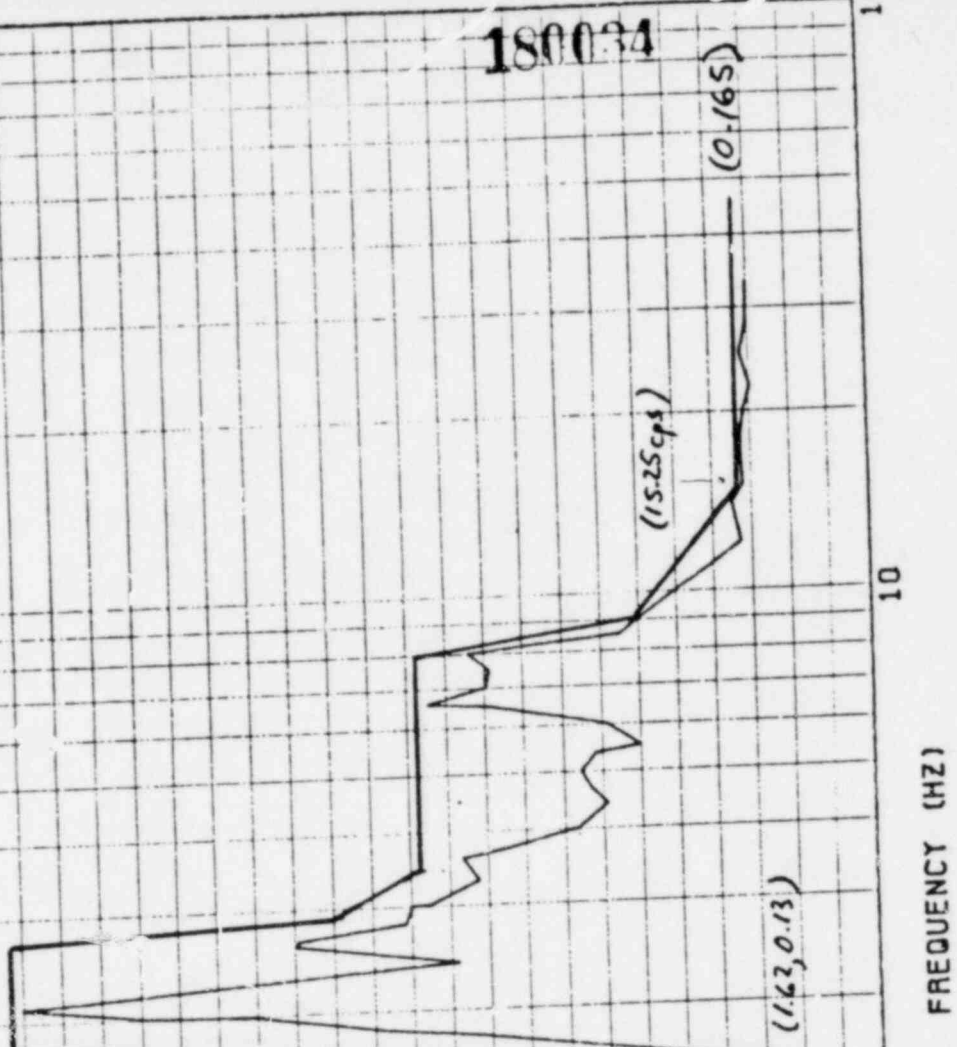
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0.50

0.25

0.00
0.1

ACCELERATION (G SI)



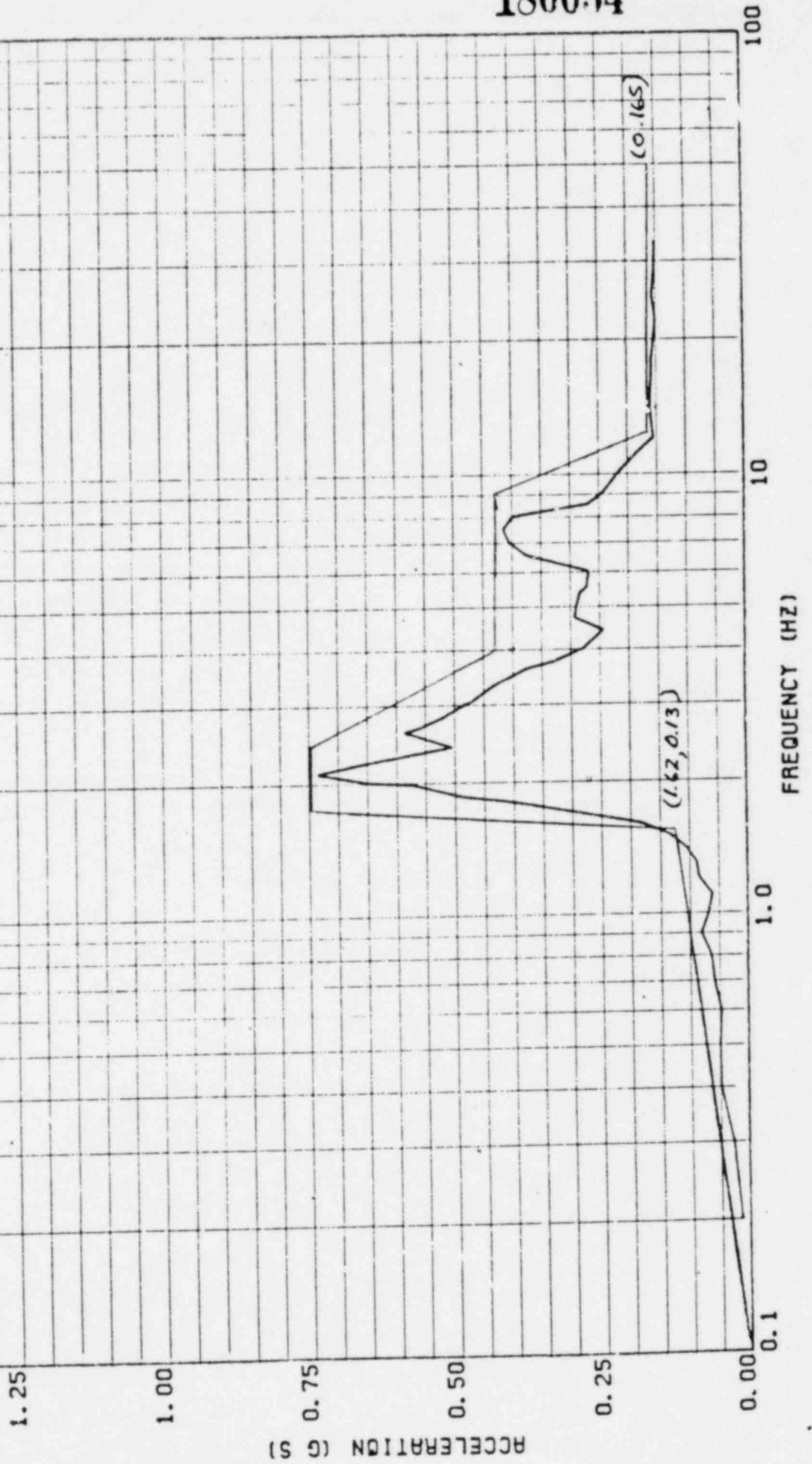
COMPUTECH

10/19/80

GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: AUXILIARY SOUTH WING BUILDING ELEVATION: 8 FEET

LEGEND
4.0% DAMPING



COMPUTECH

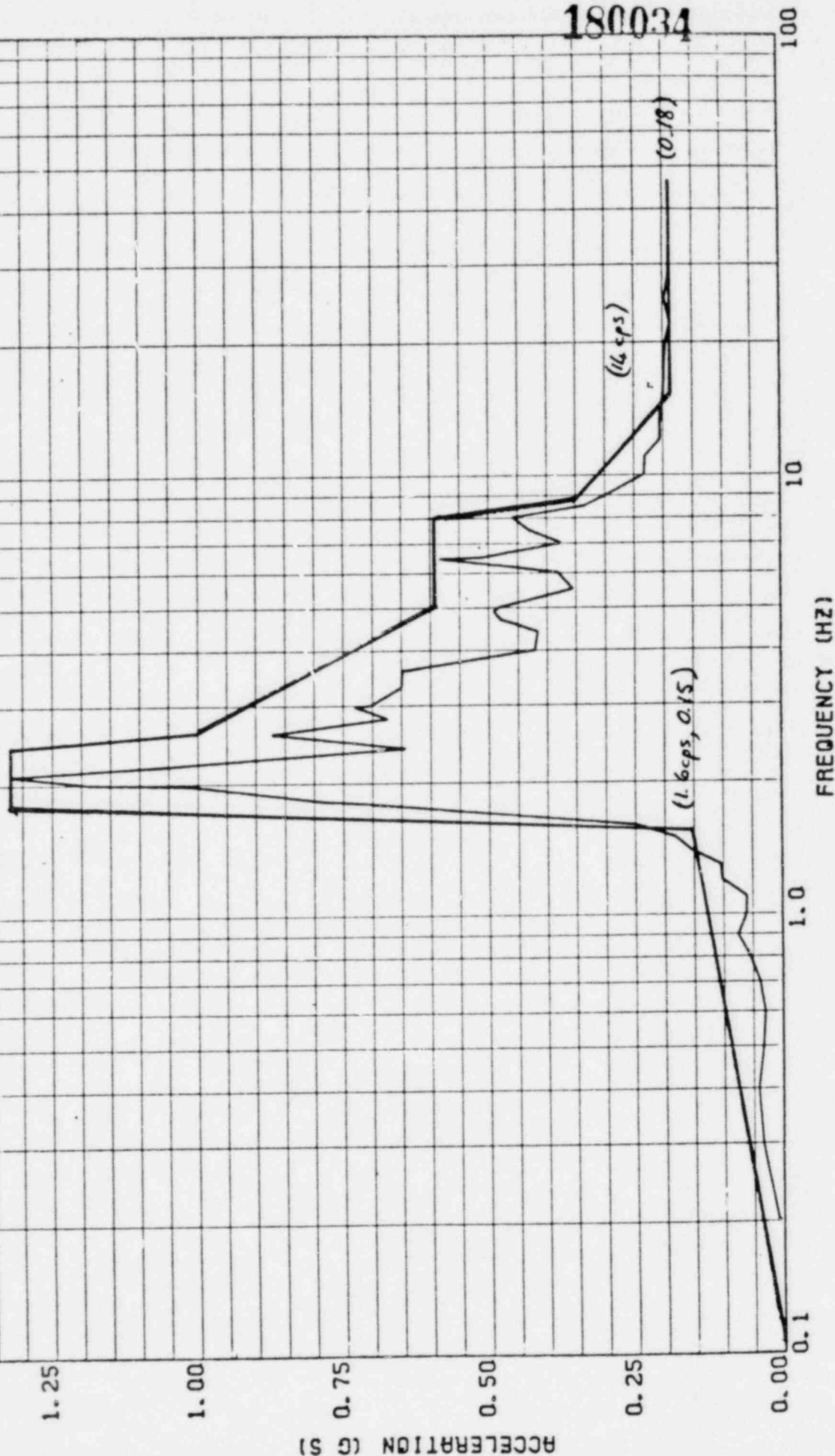
10/19/80

GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541

ORIGINAL SPECTRUM: AUXILIARY SOUTH WING BUILDING ELEVATION: 26 FEET

LEGEND
2.0% DAMPING

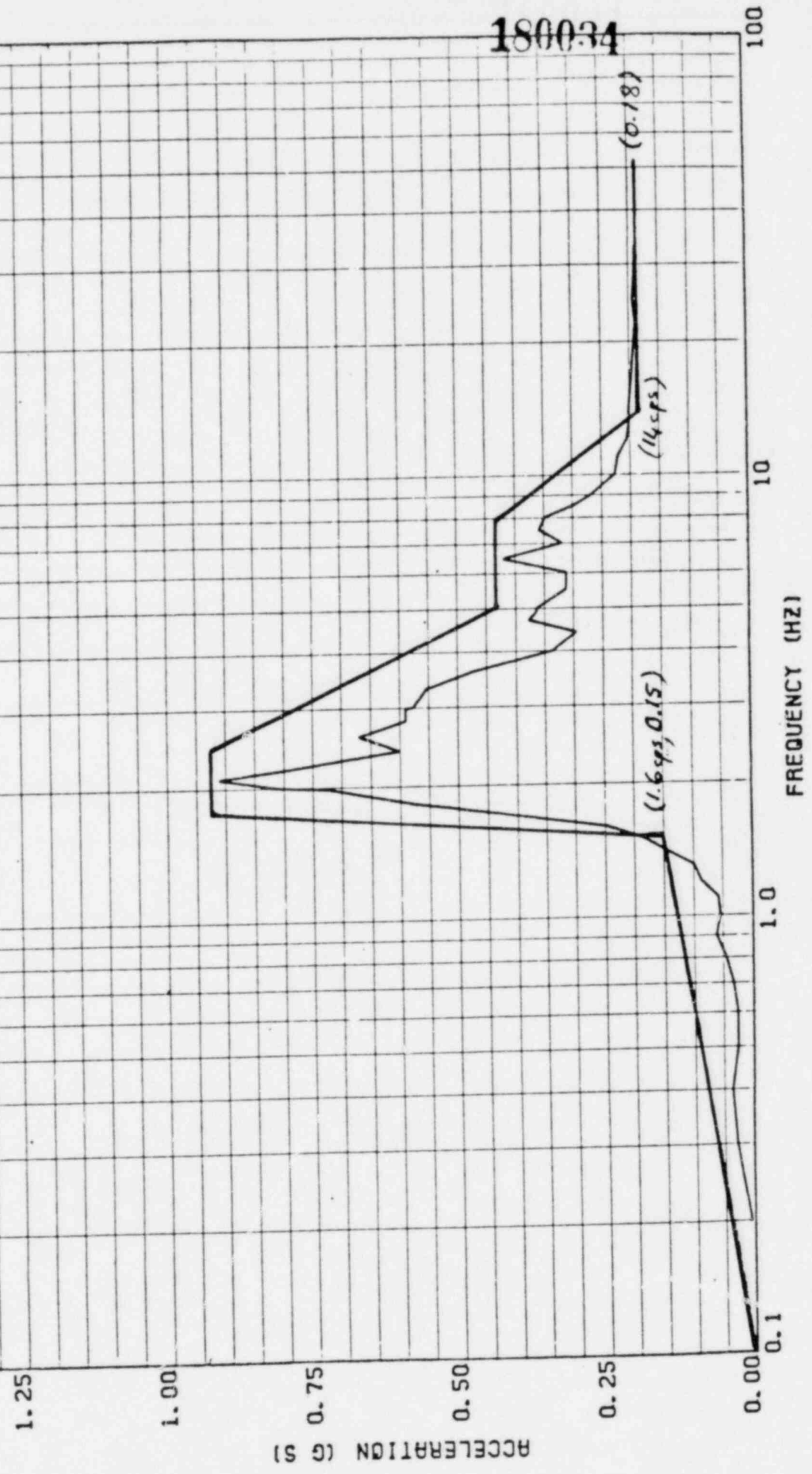


GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: AUXILIARY SOUTH WING BUILDING ELEVATION: 26 FEET

COMPUTECH
10/19/80

LEGEND
4.0% DAMPING



GENERATED RESPONSE SPECTRA

JOB: POINT BEACH PROJECT 541
ORIGINAL SPECTRUM: AUXILIARY SOUTH WING BUILDING ELEVATION: 48 FEET

COMPUTECH

10/20/80

LEGEND
2.0% DAMPING

1.25

1.00

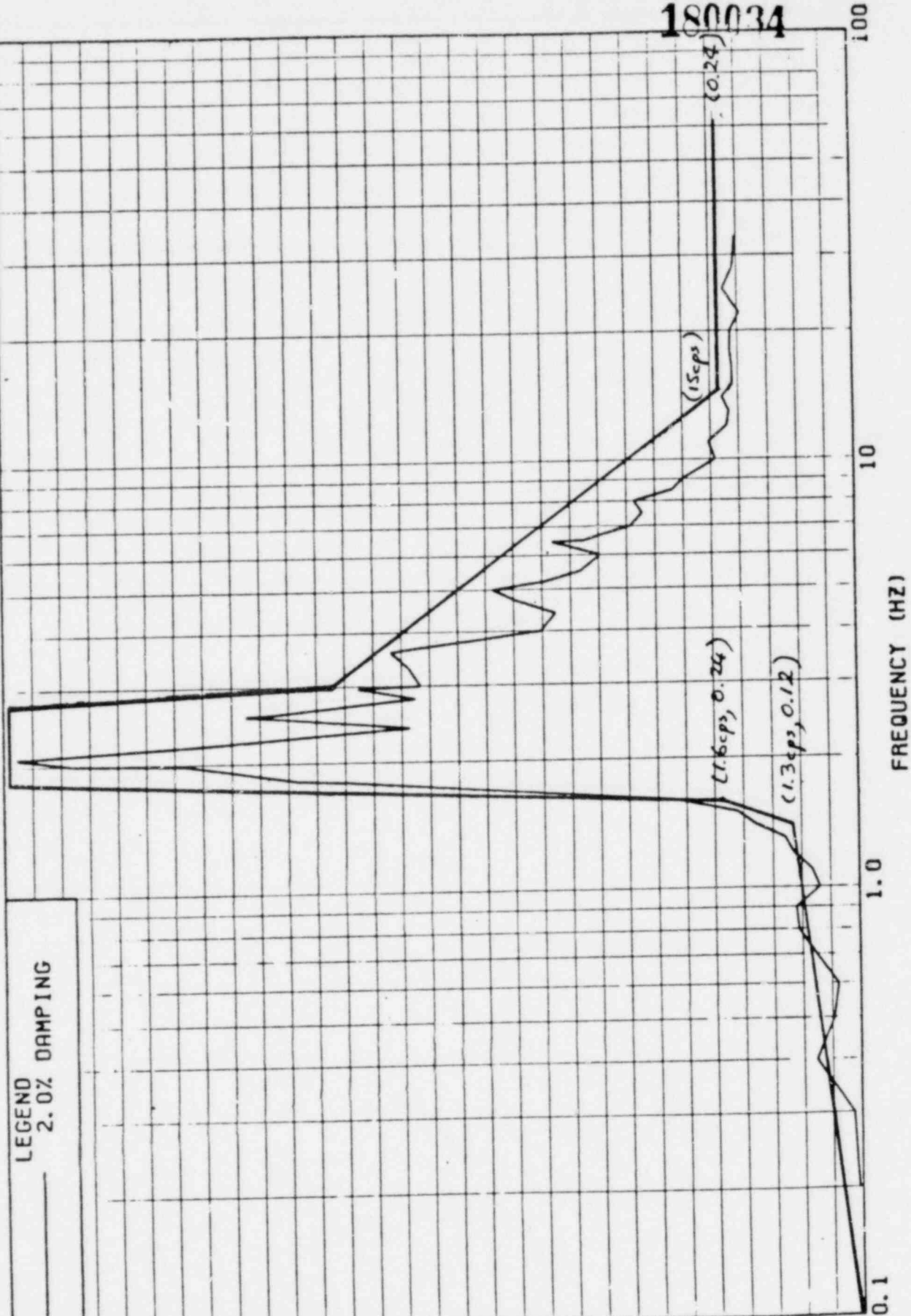
0.75

0.50

0.25

0.00

ACCELERATION (G'S)



FREQUENCY (HZ)

1.0

0.1

10

100

GENERATED RESPONSE SPECTRA

COMPUTECH

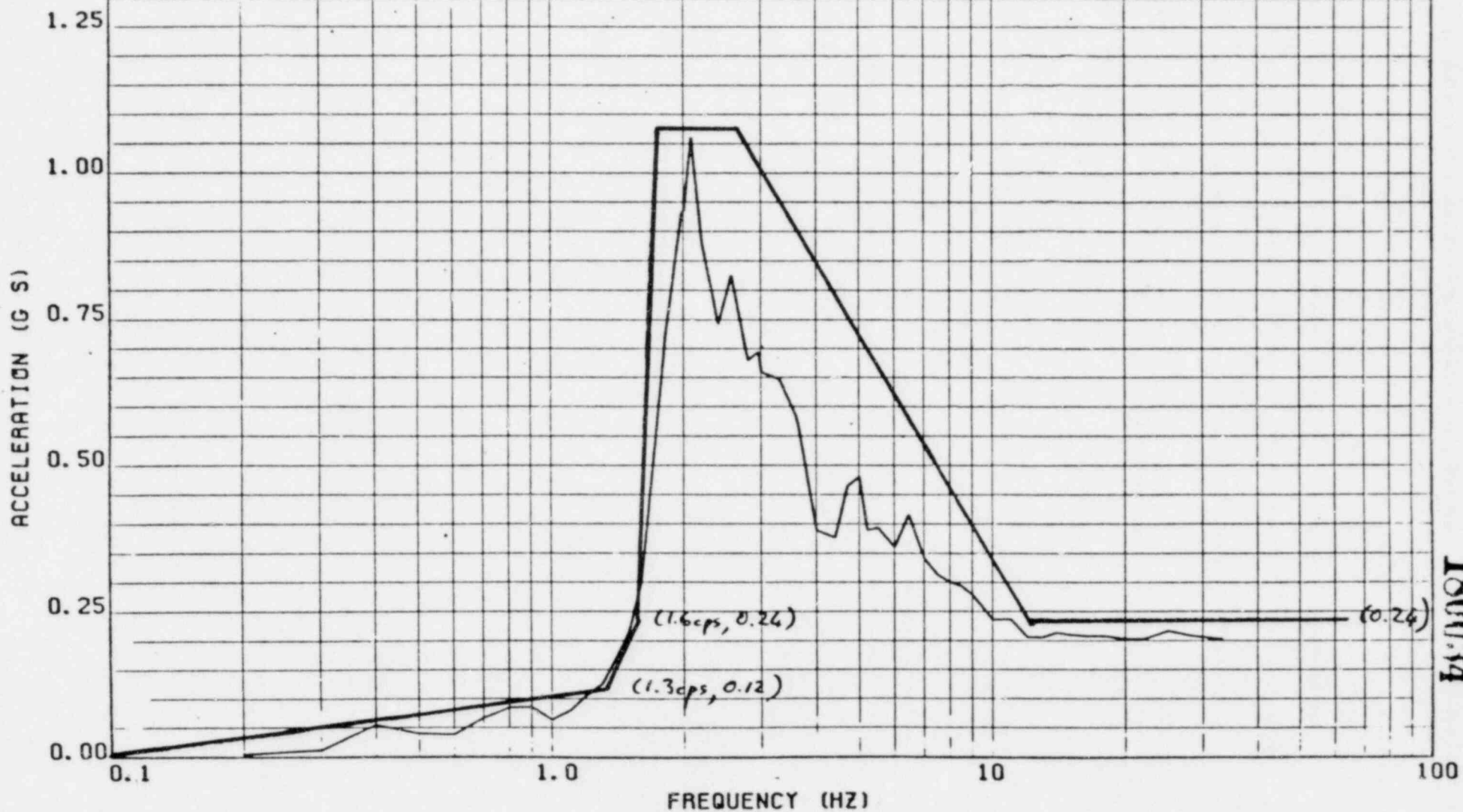
JOB: POINT BEACH PROJECT 541

10/20/80

ORIGINAL SPECTRUM: AUXILIARY SOUTH WING BUILDING ELEVATION: 48 FEET

LEGEND

4.0% DAMPING



180034