

GL 87-02 Supp. 1



PECO ENERGY

PECO Energy Company
Nuclear Group Headquarters
965 Chesterbrook Boulevard
Wayne, PA 19087-5691

August 24, 1994

Docket Nos. 50-277

50-278

License Nos. DPR-44

DPR-56

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Subject: Peach Bottom Atomic Power Station, Units 2 and 3
Response to Verbal Request for Additional Information on
Supplemental Response to Generic Letter 87-02, Supplement 1,
"Verification of Seismic Adequacy of Mechanical and Electrical
Equipment in Operating Reactors, Unresolved Safety Issue A-46."

- References:
- 1) Letter from G. J. Beck [PECO Energy Company (formerly Philadelphia Electric Company)] to NRC dated September 18, 1992
 - 2) Letter from J. W. Shea (NRC) to G. J. Beck dated November 17, 1992
 - 3) Letter from G. A. Hunger, Jr. (PECO Energy Company) to NRC dated January 24, 1994
 - 4) Letter from S. Dembek (NRC) to G. A. Hunger, Jr. dated March 29, 1994
 - 5) Letter from G. A. Hunger, Jr., to NRC dated April 29, 1994

Dear Sir:

By letter dated September 18, 1992, (Reference 1) PECO Energy Company (PECO Energy) submitted a response to Generic Letter (GL) 87-02, Supplement 1, "Verification of Seismic Adequacy of Mechanical and Electrical Equipment in Operating Reactors, Unresolved Safety Issue (USI) A-46," for the Peach Bottom Atomic Power Station (PBAPS), Units 2 and 3. In the submittal, PECO Energy

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outlined its plan to follow the Seismic Qualification Utility Group's (SQUG) "Generic Implementation Procedure (GIP) for Seismic Verification of Nuclear Plant Equipment," to resolve the seismic verification issues associated with USI A-46.

The NRC responded to the September 18, 1992 submittal by letter dated November 17, 1992, (Reference 2) stating that the staff had evaluated the response, and concluded that the procedures and criteria used to generate the licensing basis in-structure response spectra are adequate for the resolution of USI A-46.

By letter dated January 24, 1994, (Reference 3) PECO Energy supplemented Reference 1 to inform the NRC of its plans to develop and implement realistic, median-centered in-structure response spectra as outlined in the GIP for resolution of USI A-46 for equipment in the Radwaste Building.

The NRC staff performed a preliminary review of the January 24, 1994 letter, and by letter dated March 29, 1994, (Reference 4) informed PECO Energy that additional information was needed to complete their review. PECO Energy provided that requested additional information by letter dated April 29, 1994 (Reference 5).

During an August 16, 1994 conference call, to further discuss the details of the Reference 5 letter, the NRC verbally requested that PECO Energy provide data containing the 30 input acceleration time histories that were used in the analysis, along with individual plots of the respective response spectra.

Enclosed please find the requested information. Please note, when interpreting the data, the natural records have only the acceleration data. The acceleration values should be read sequentially by row number, and the time step for each record, as well as the total number of data points, was provided as Table 2 in Reference 5.

If you have any questions concerning this submittal please contact us.

Sincerely,

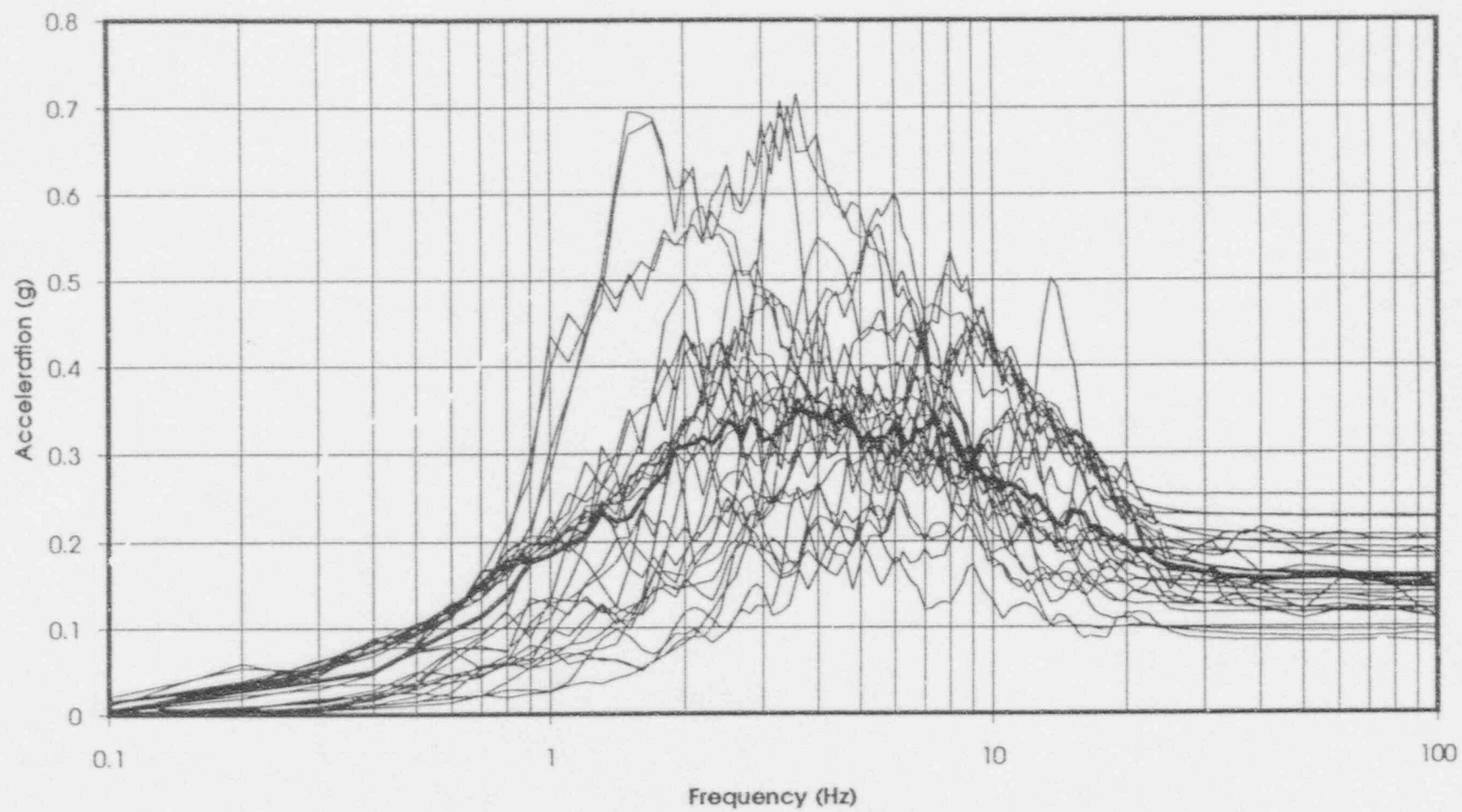
G. A. Hunger, Jr.

G. A. Hunger, Jr.
Director-Licensing

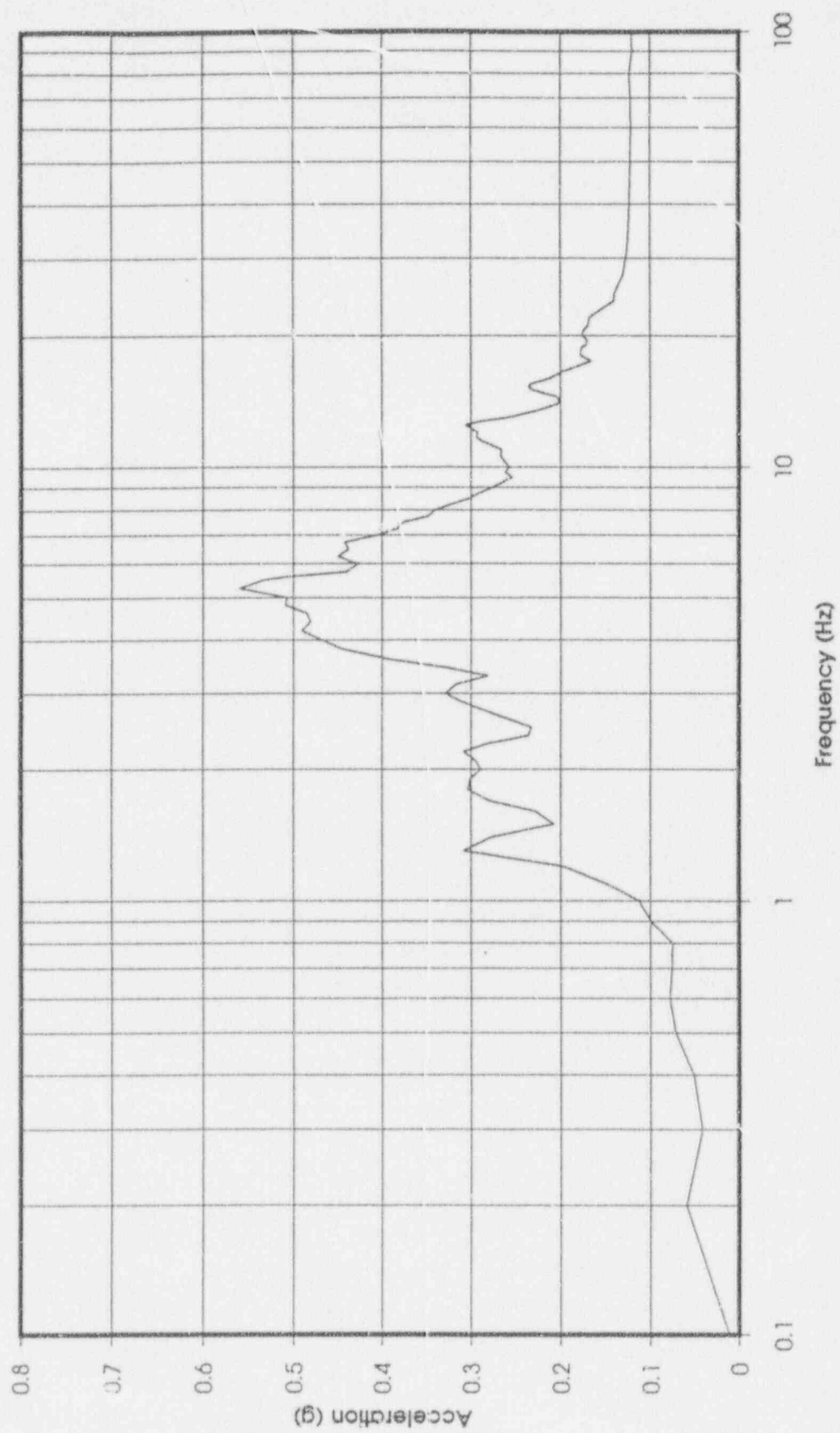
Enclosures

cc: T. T. Martin, Administrator, Region I, USNRC
W. L. Schmidt, USNRC Senior Resident Inspector, PBAPS

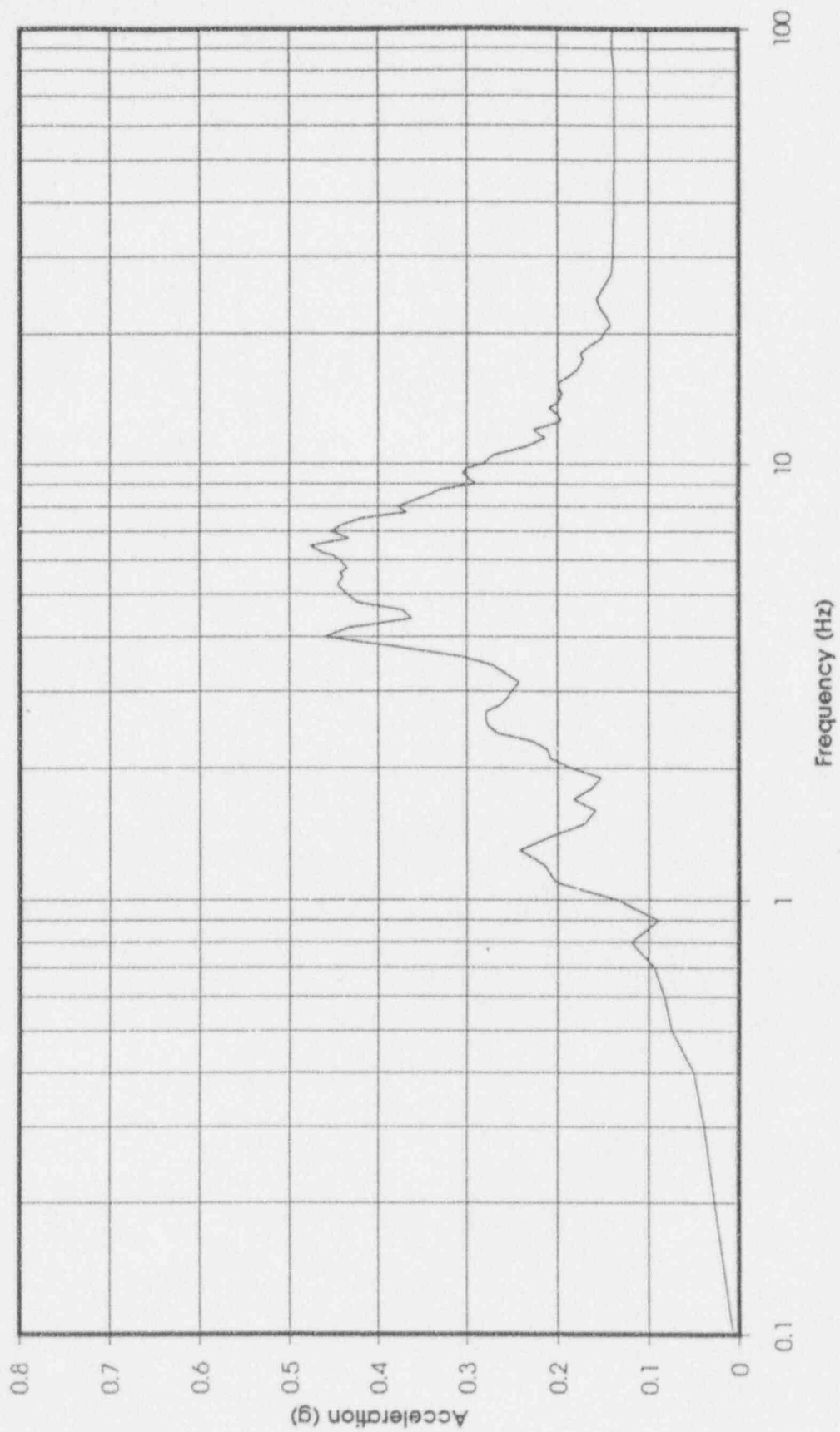
Peach Bottom Radwaste/Turbine Building, 30 Response Spectra for 30 Horizontal T/H
Inputs, 5% Damping



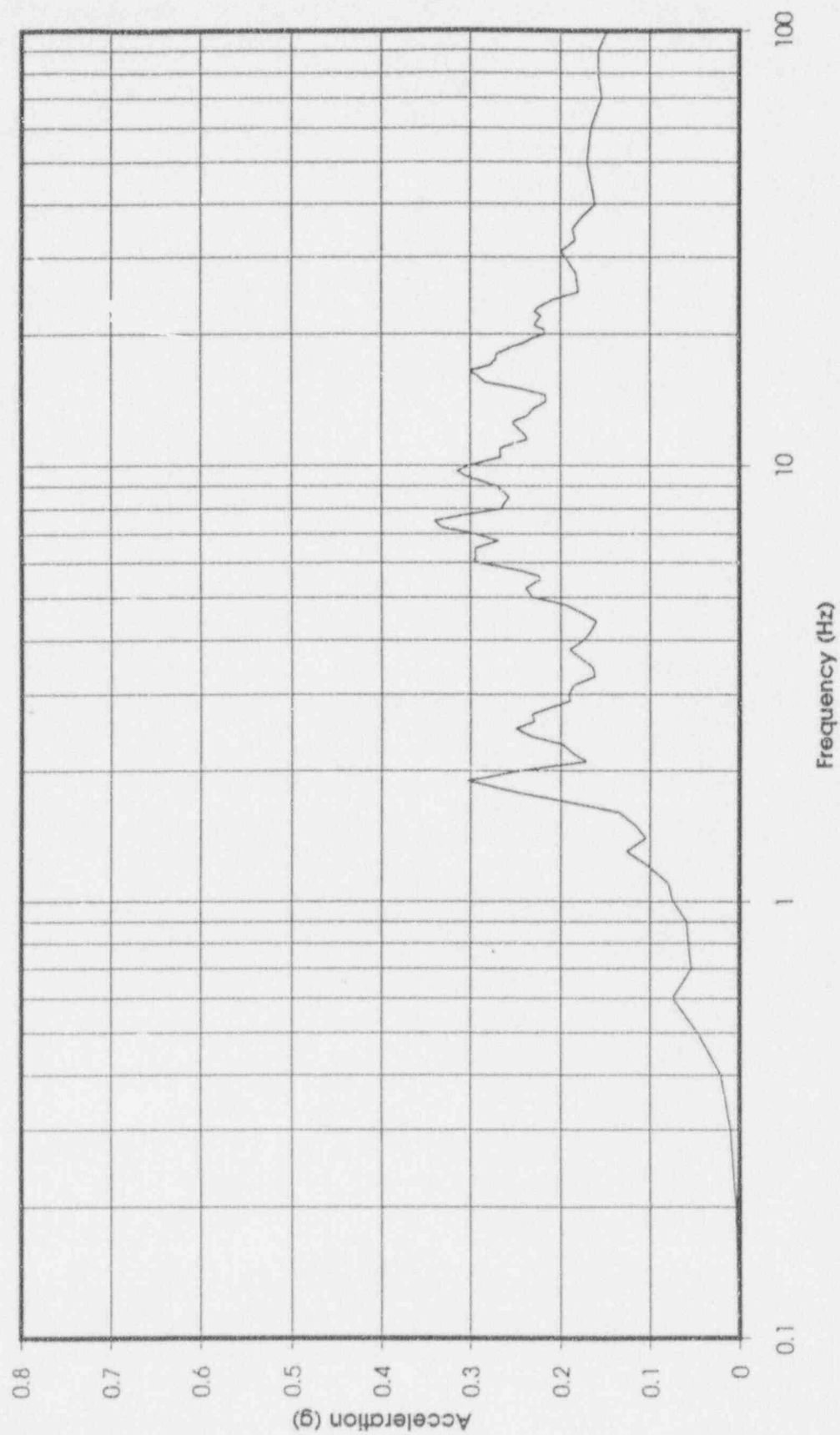
Peach Bottom Radwaste/Turbine Building, Tabas-tr, 5% Damping



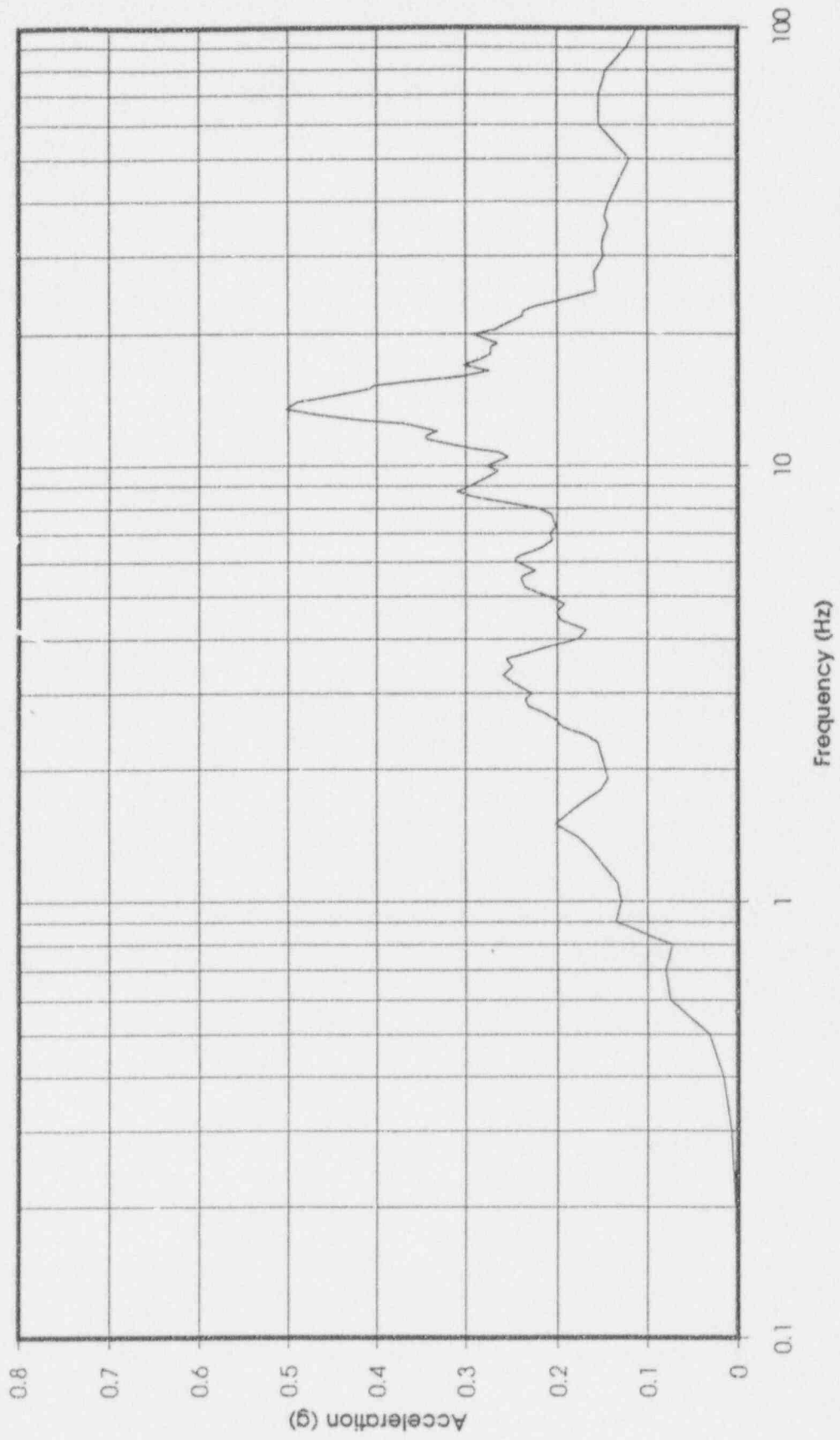
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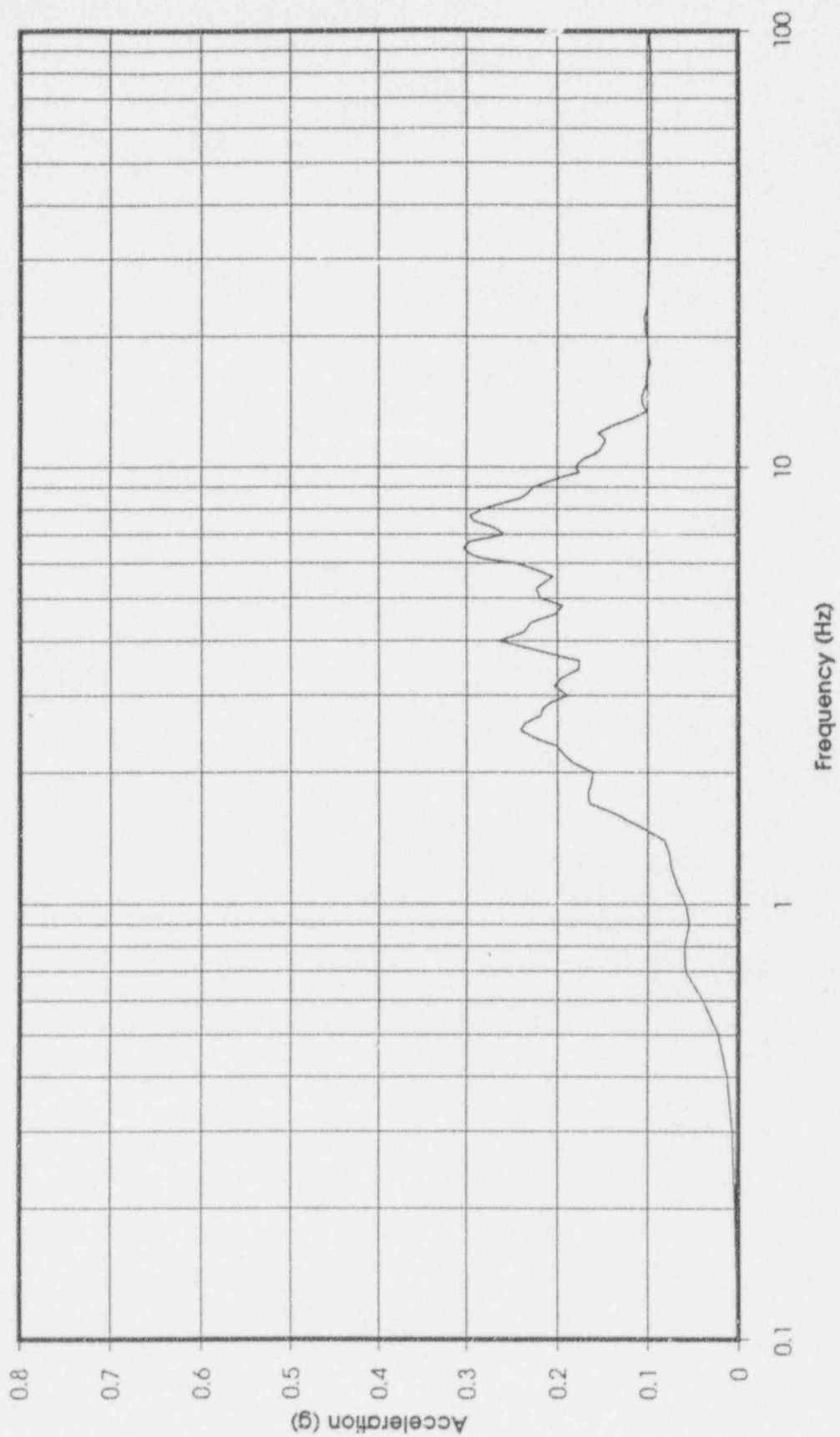
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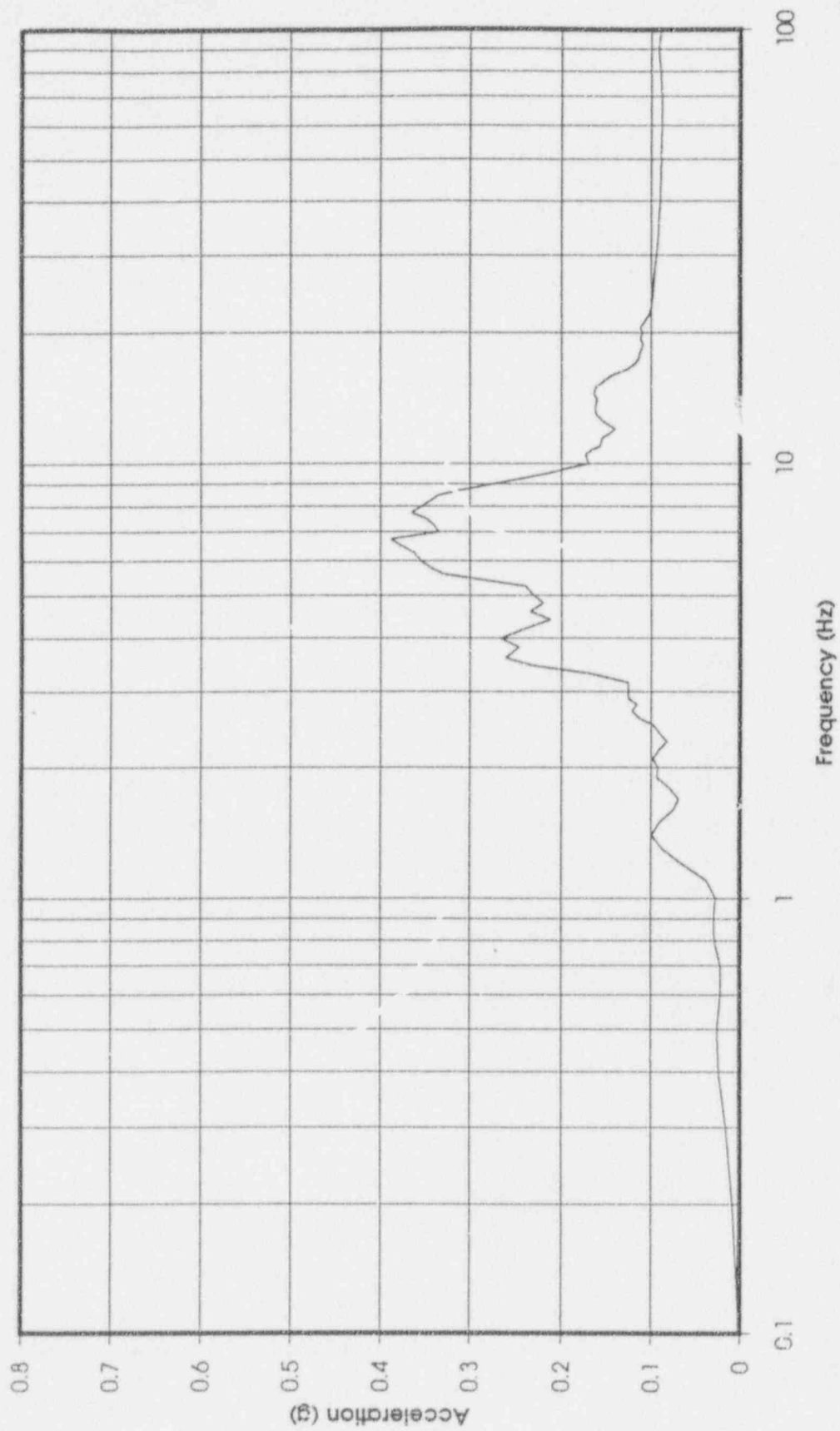
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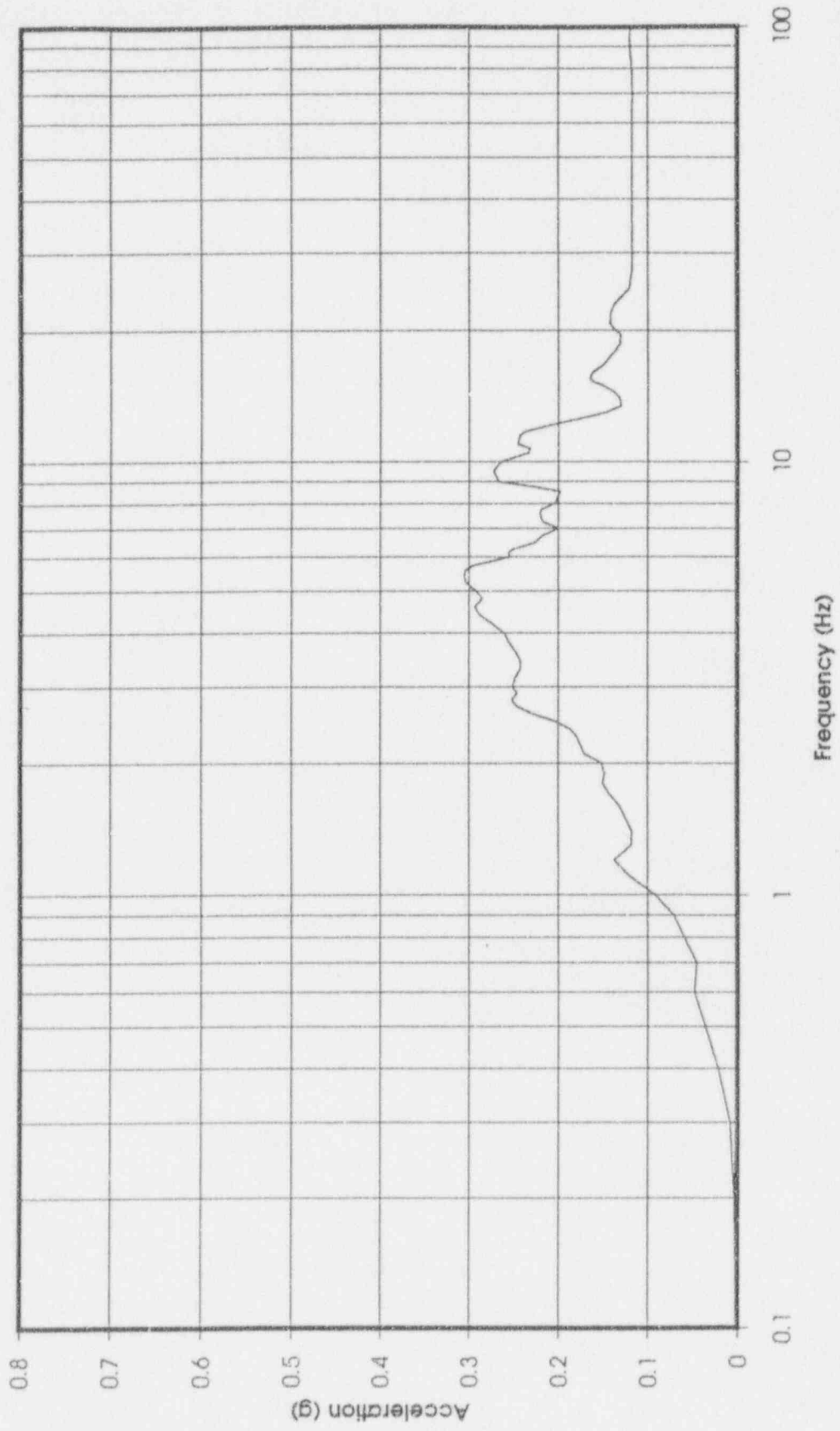
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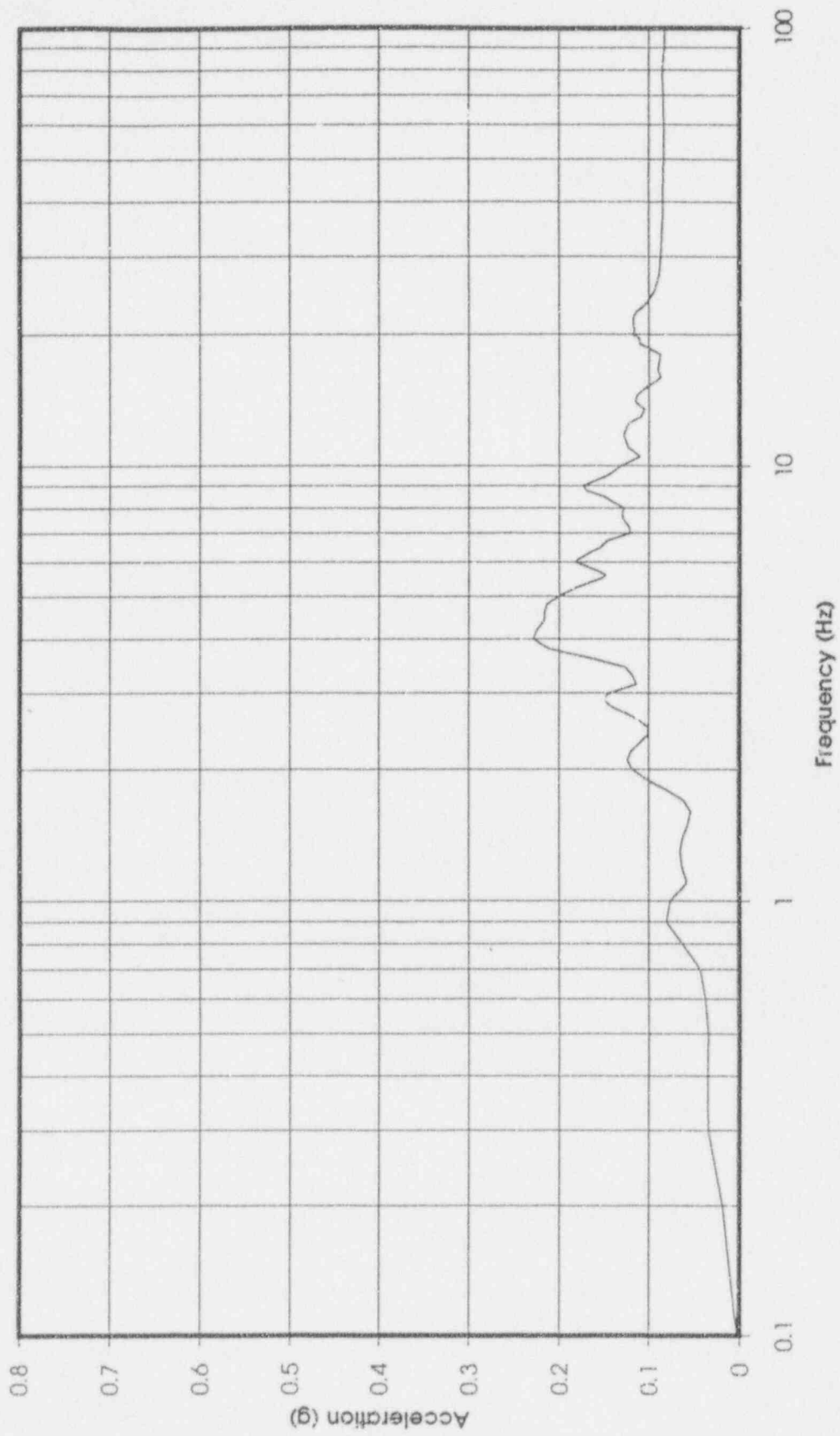
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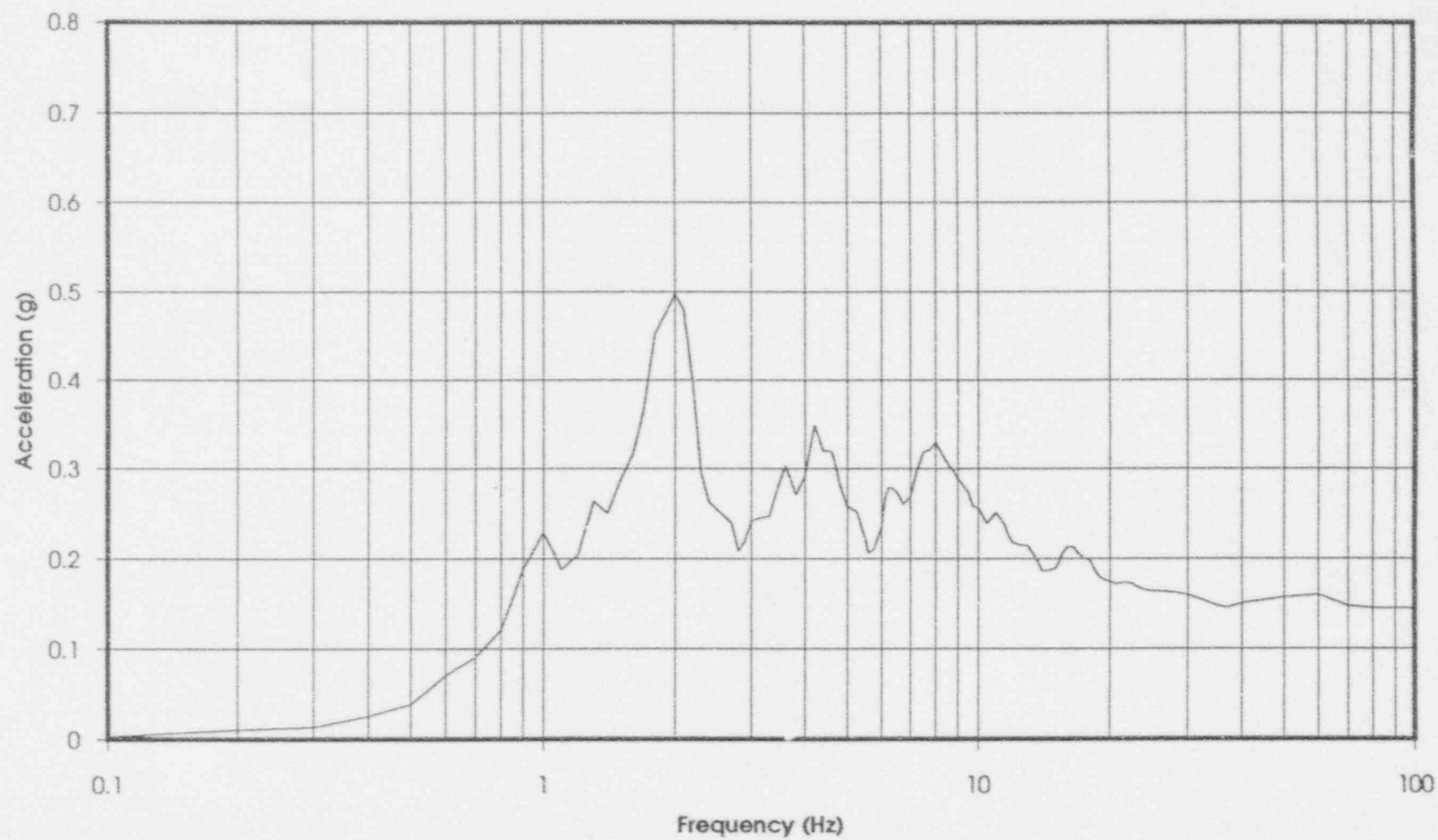
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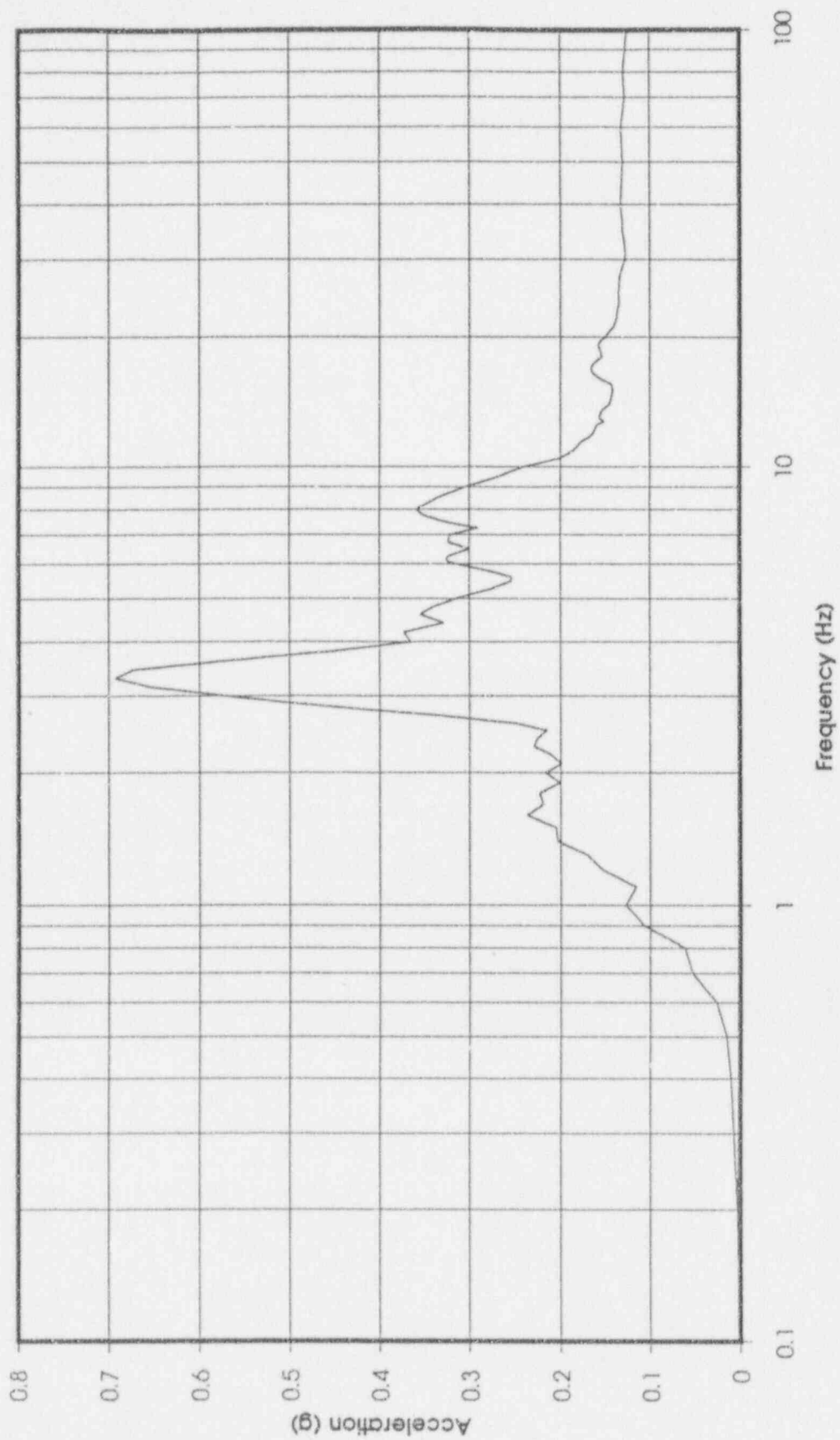
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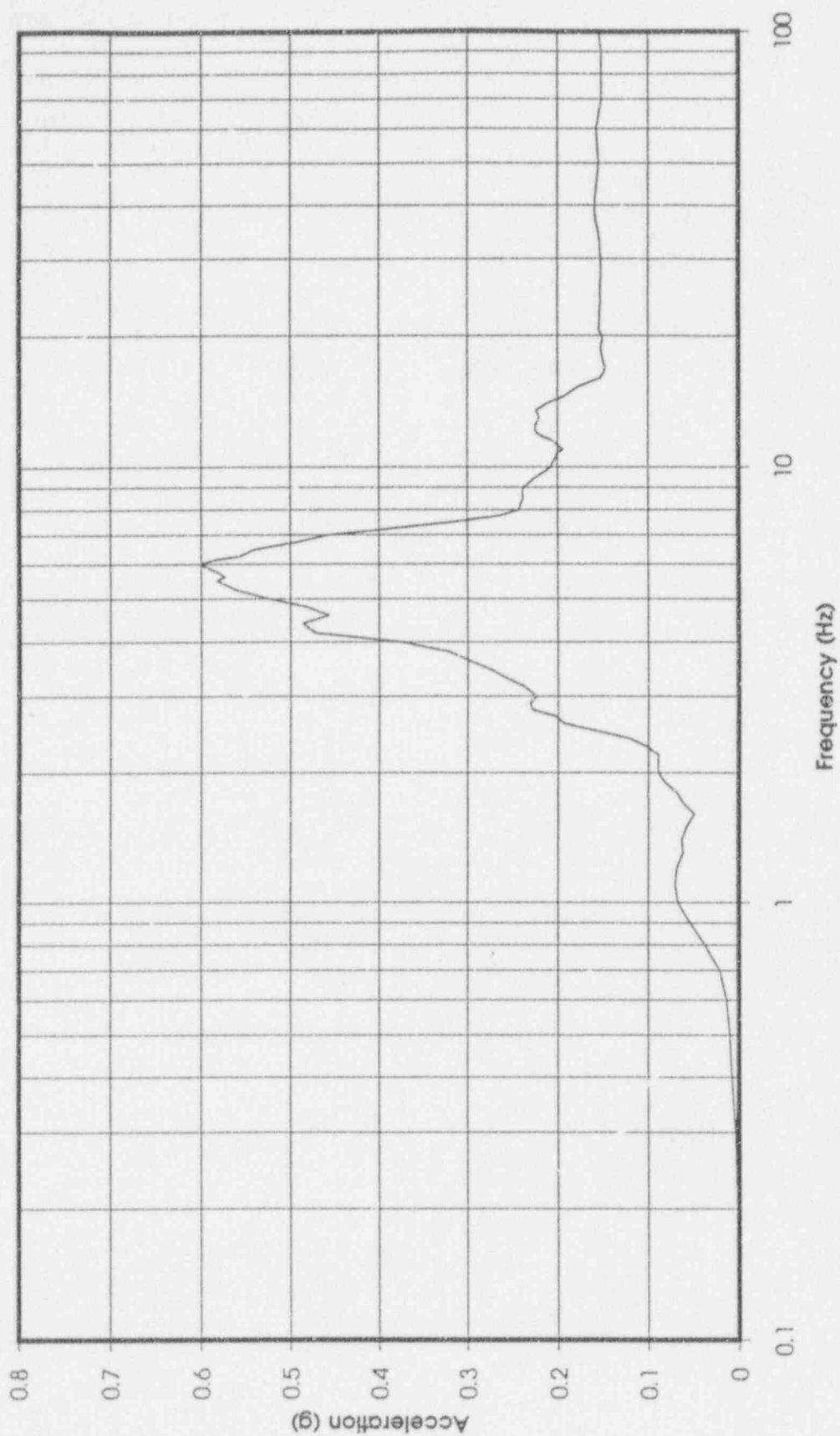
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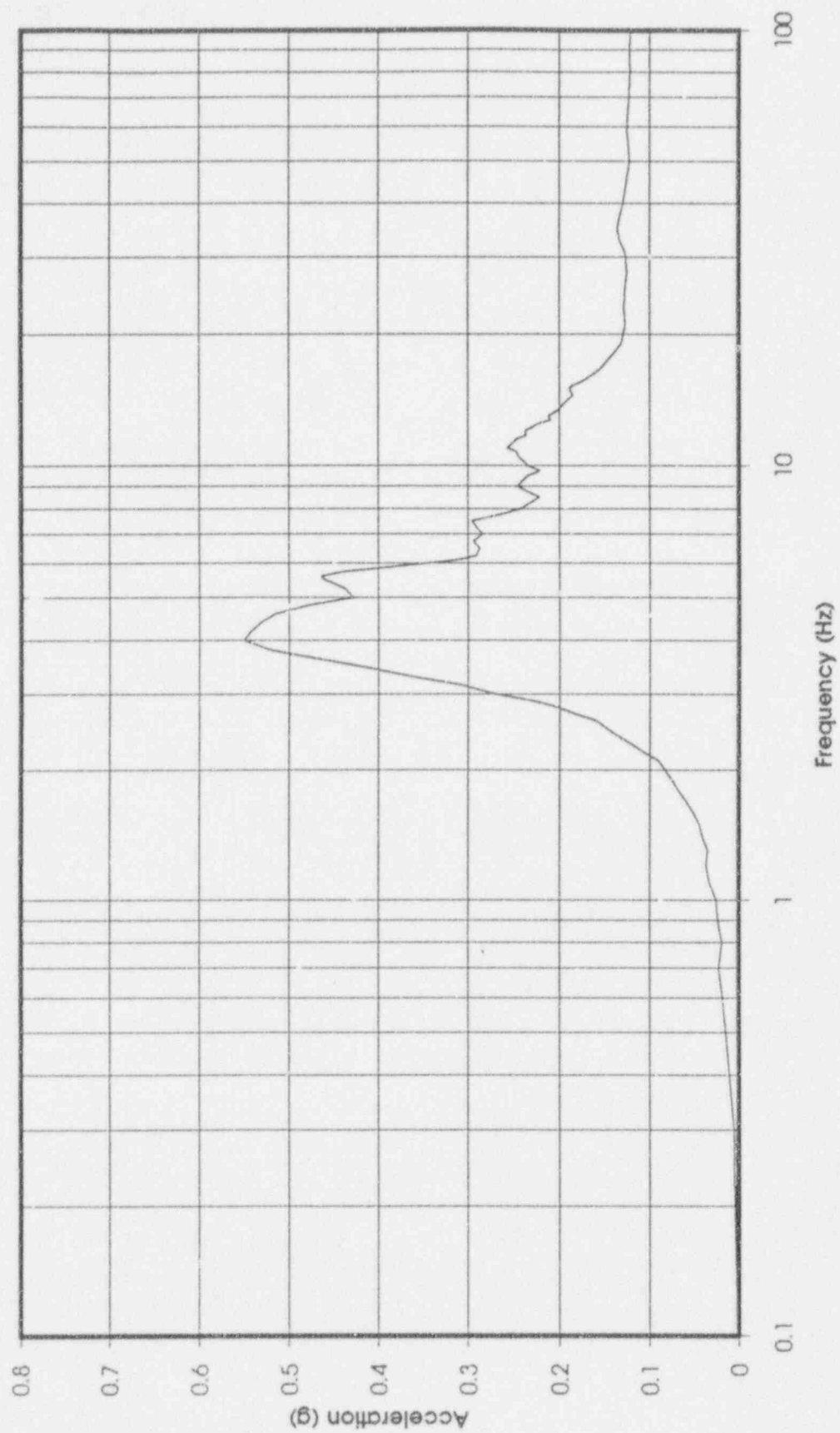
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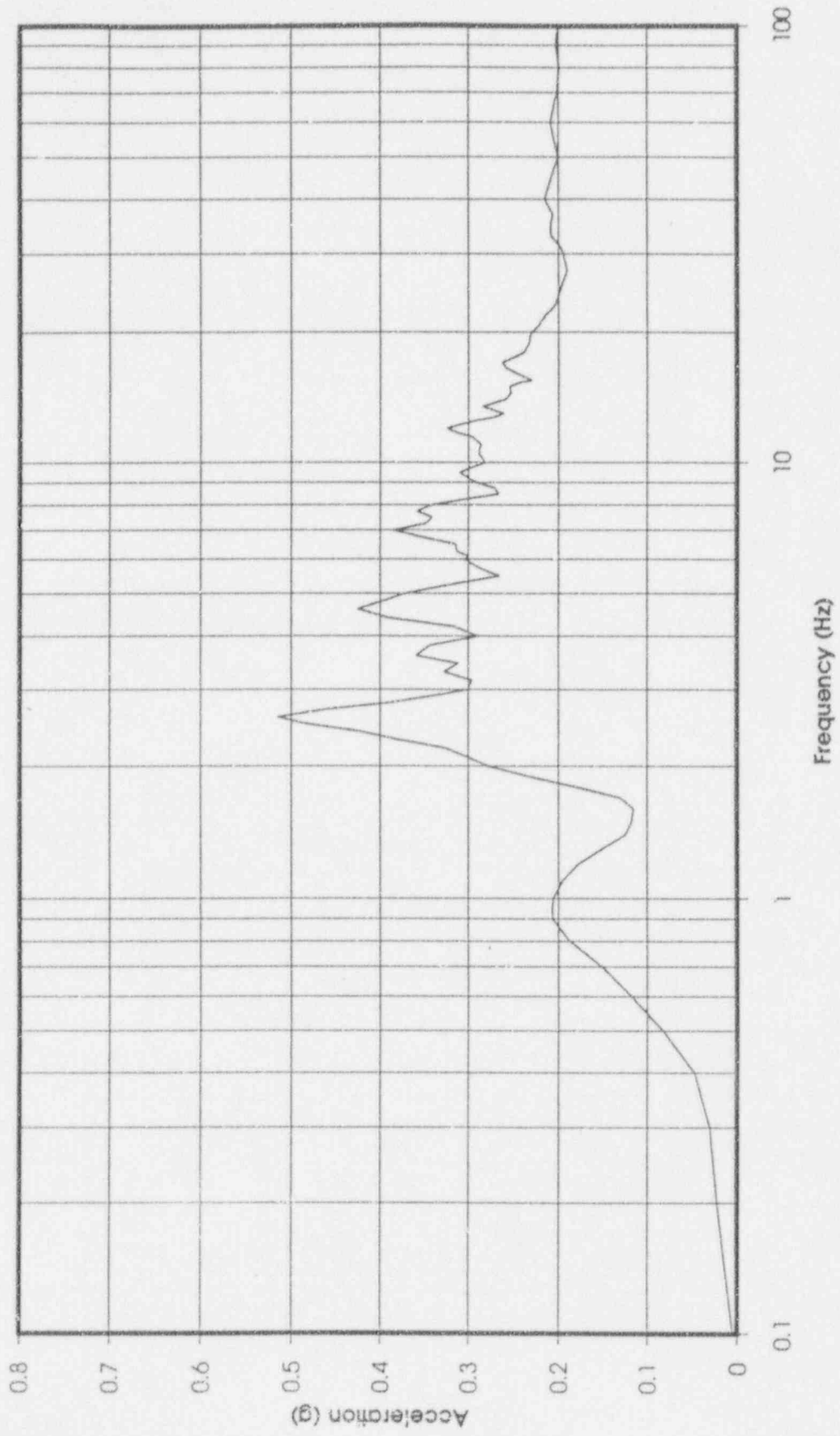
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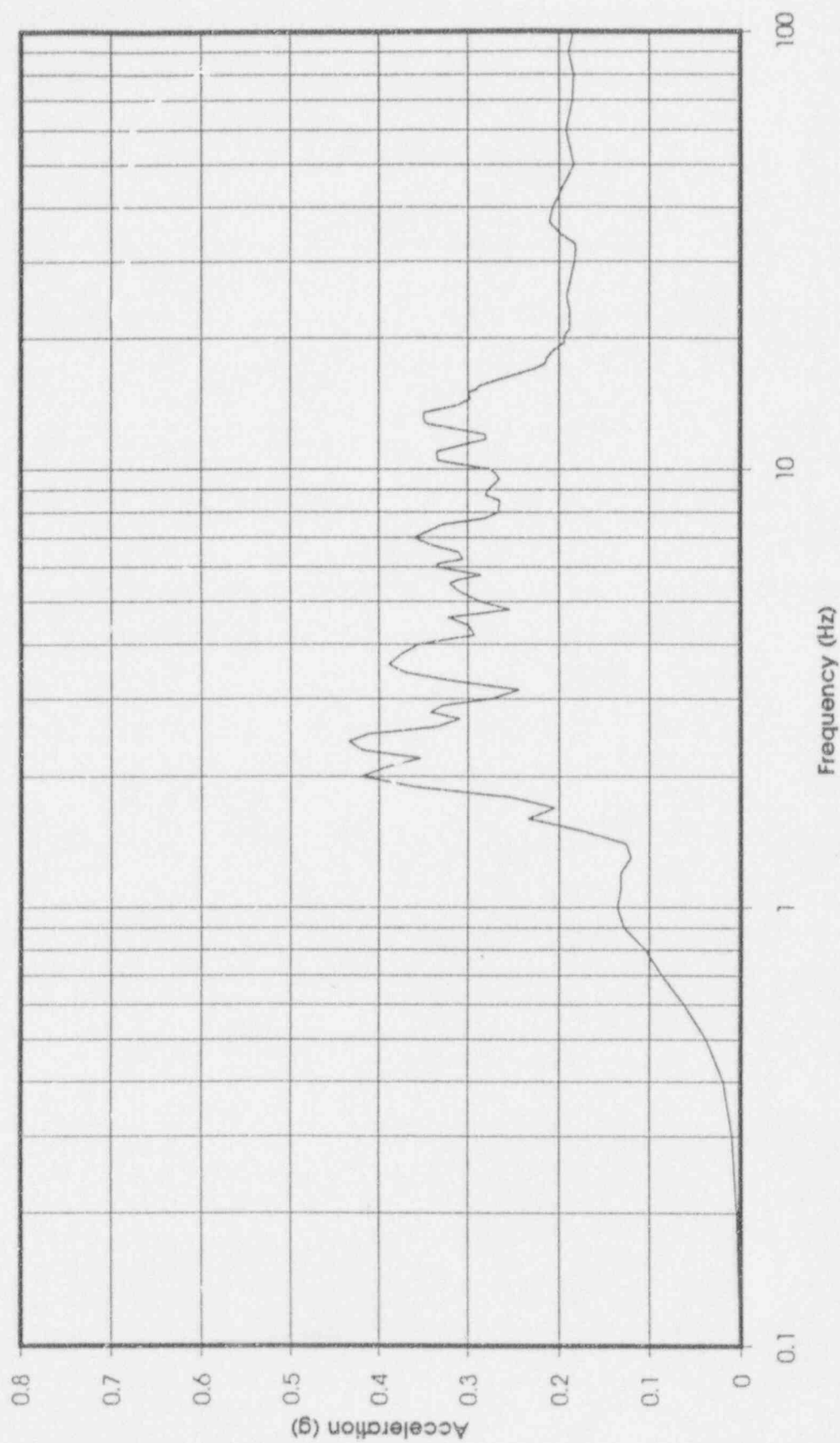
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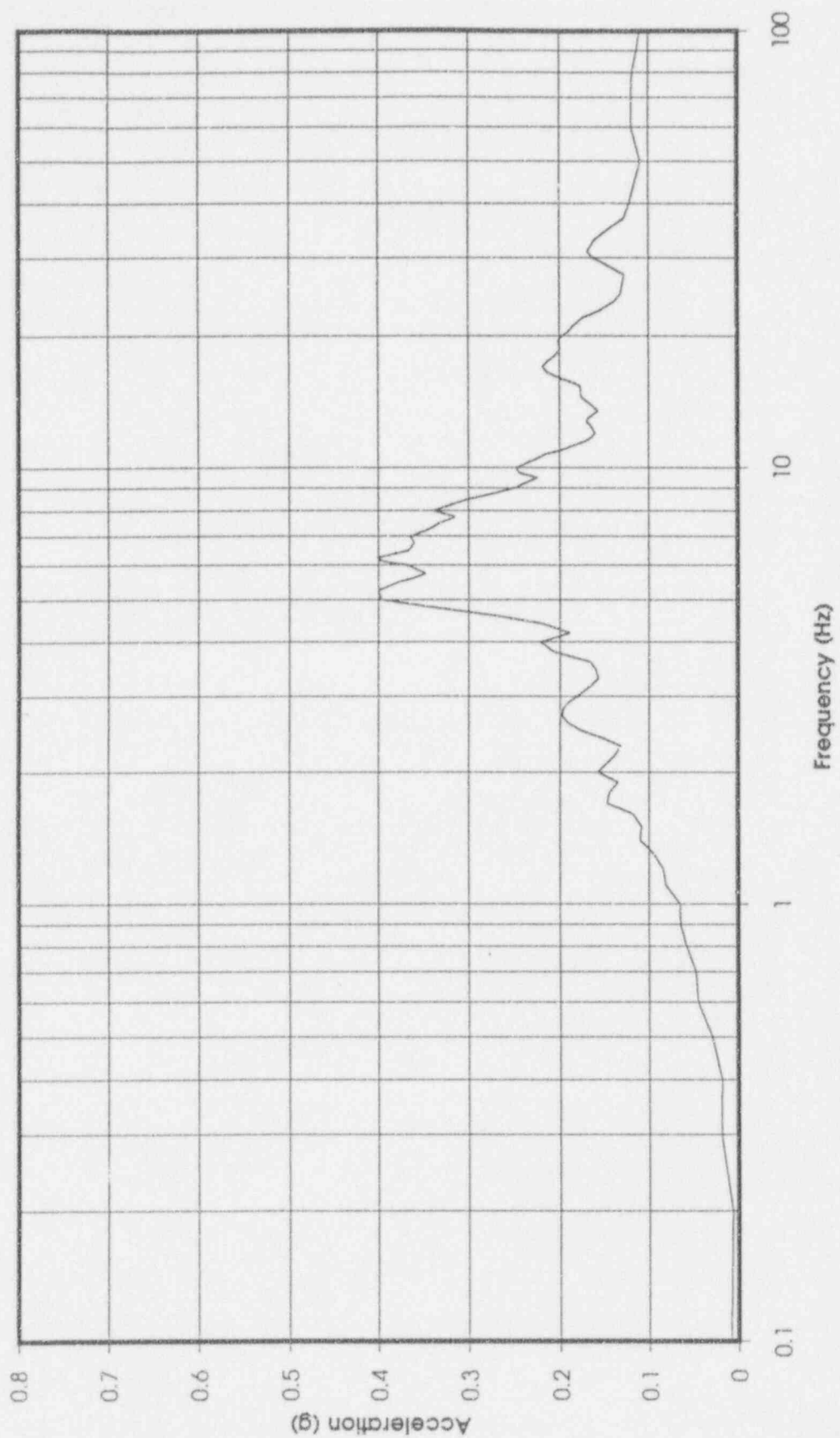
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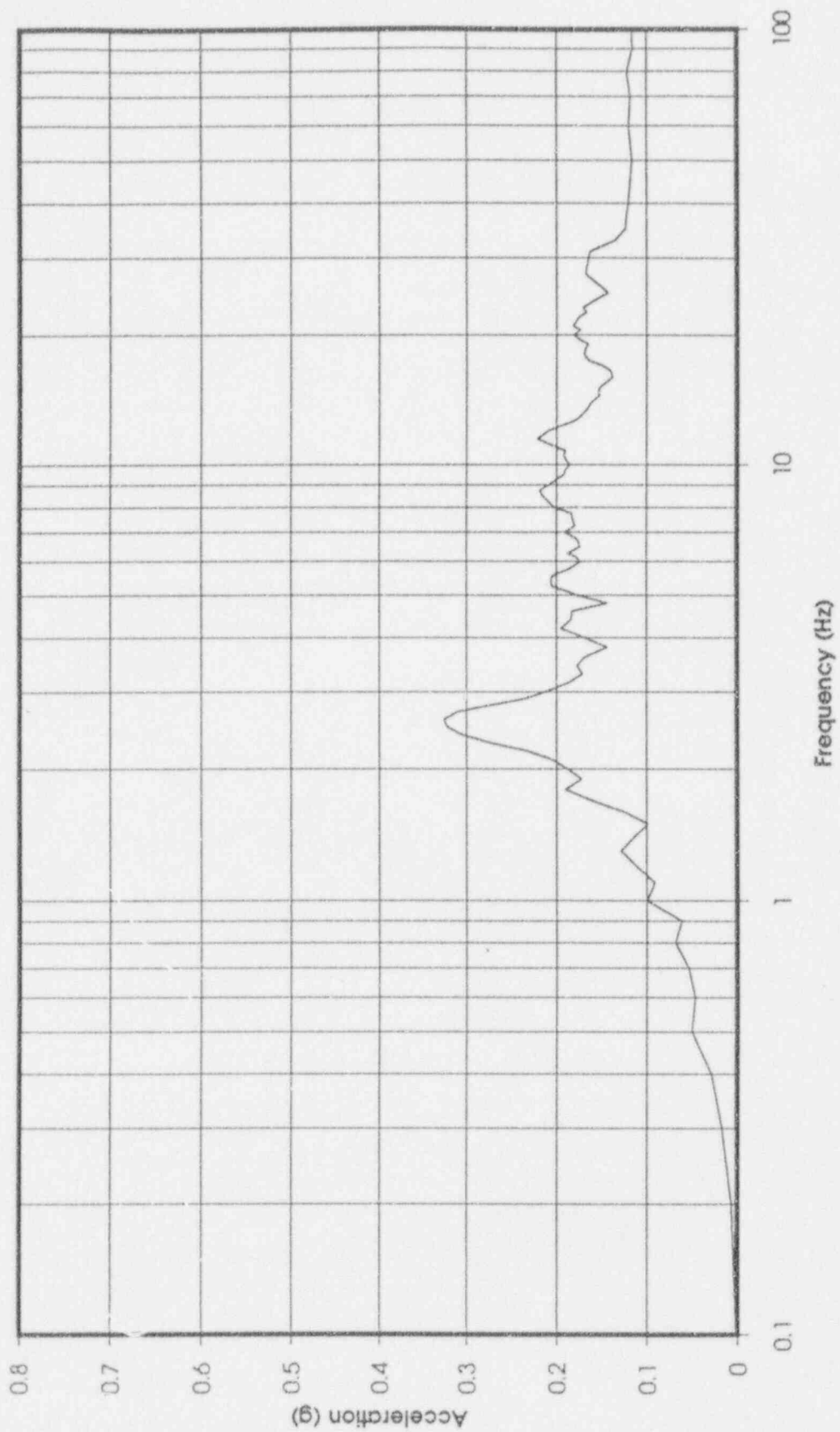
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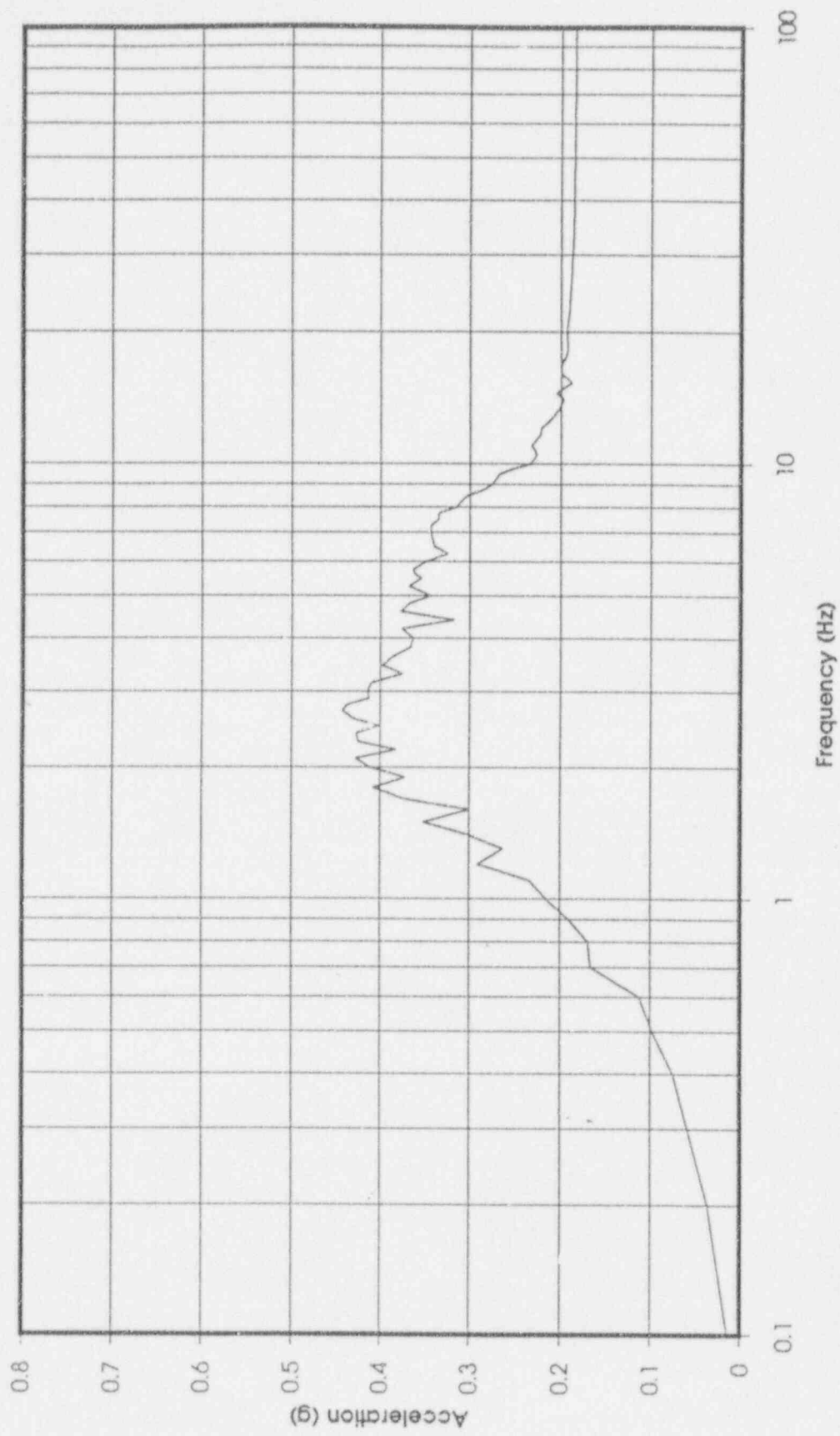
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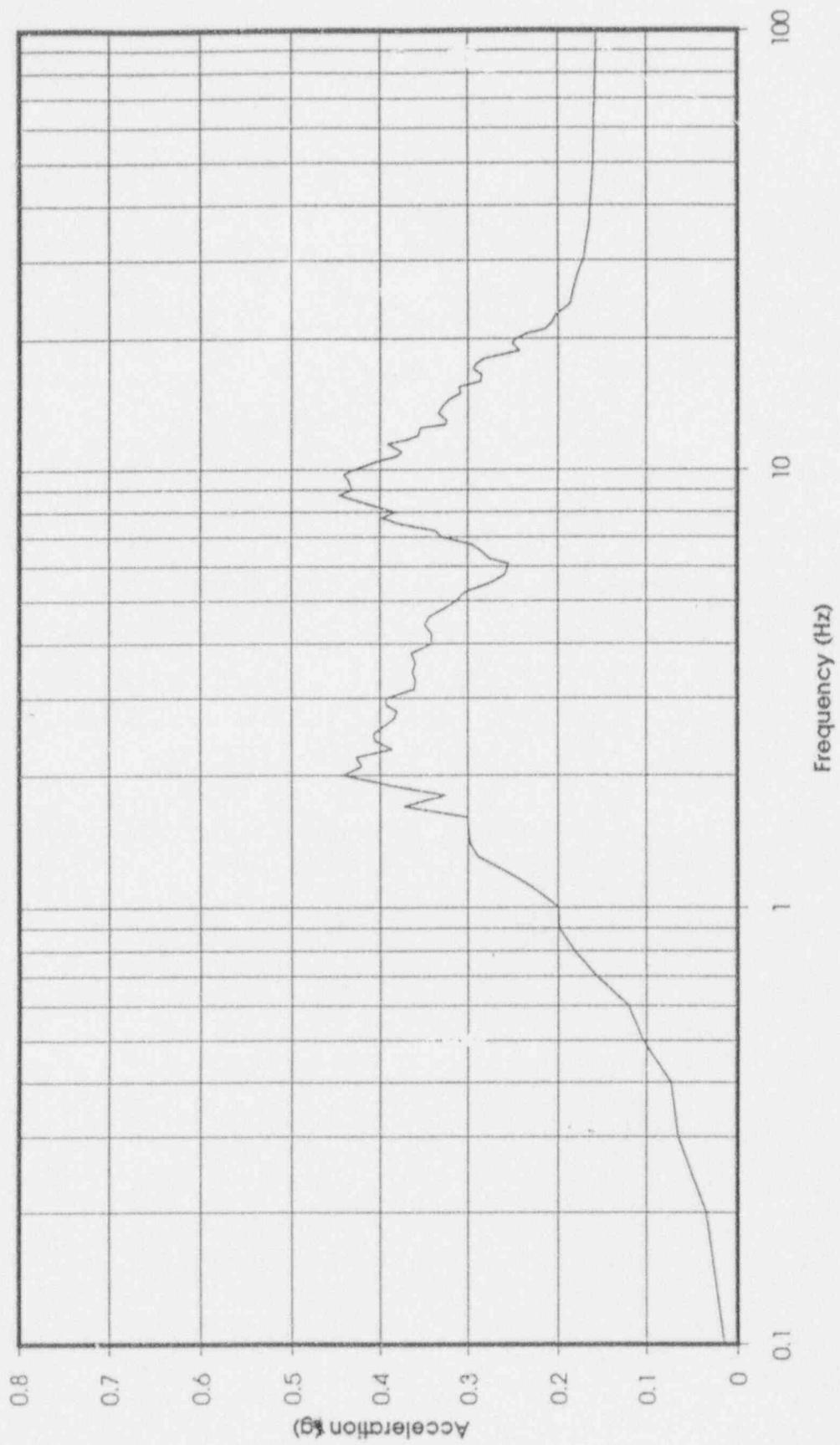
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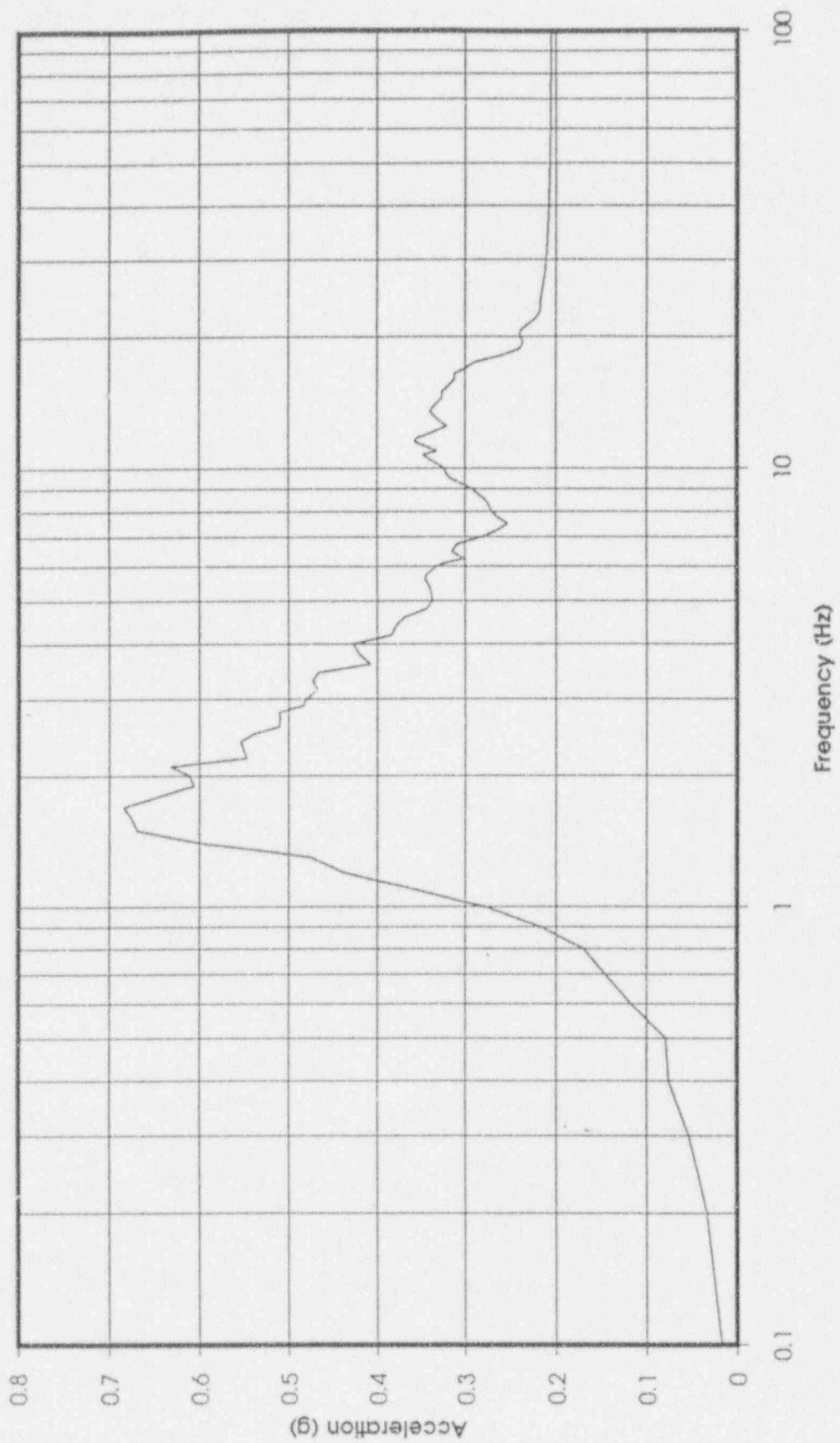
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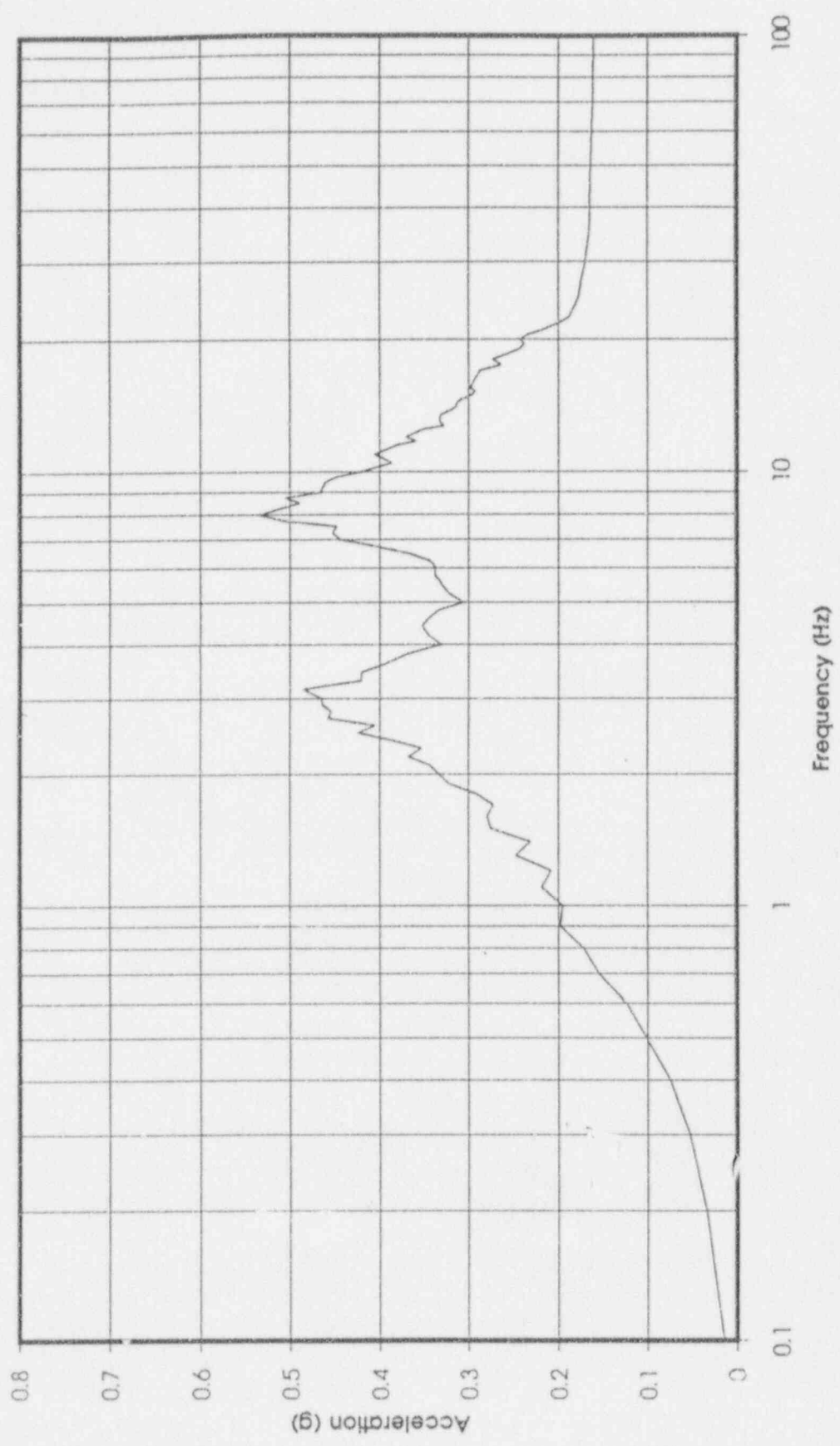
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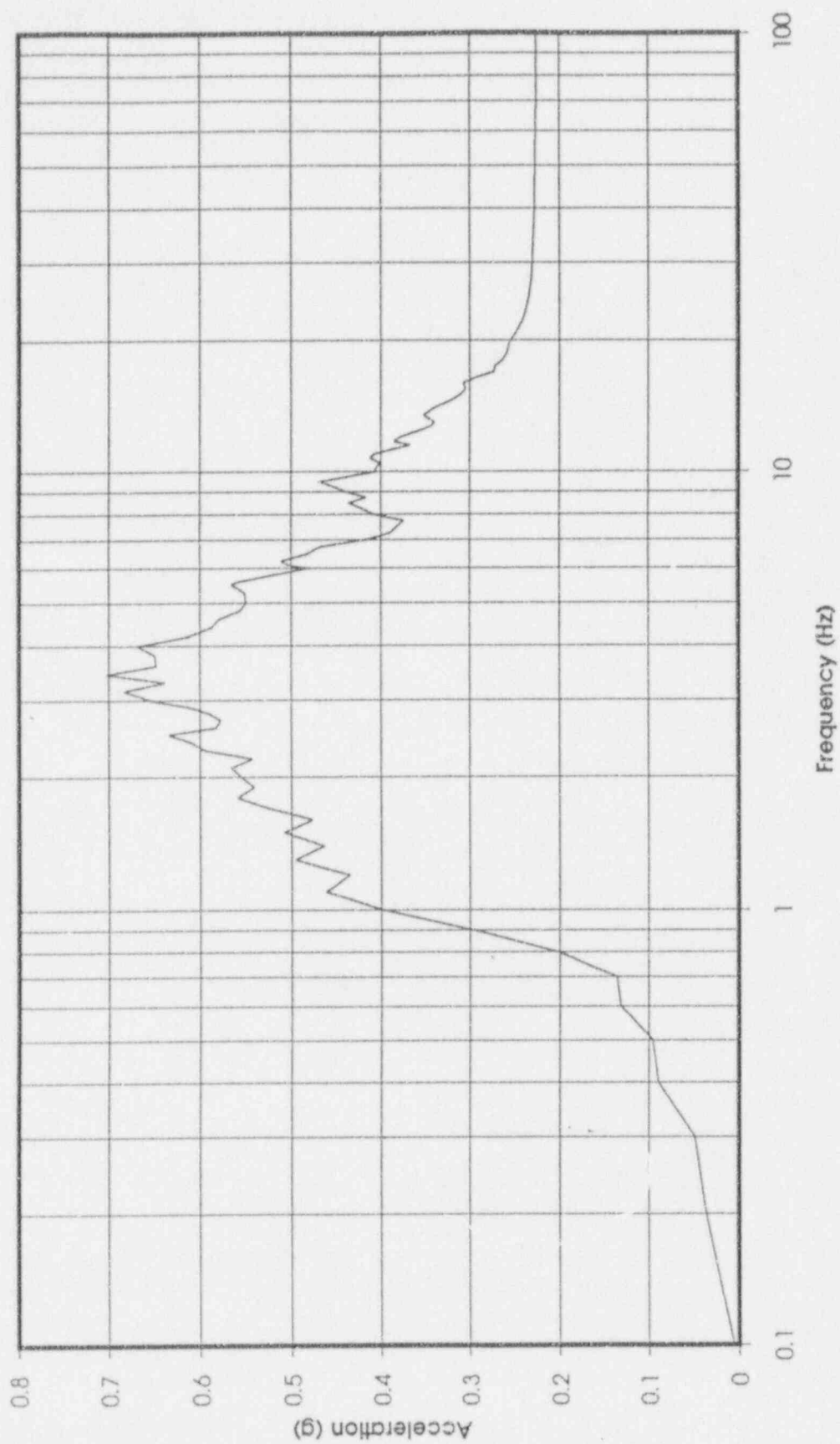
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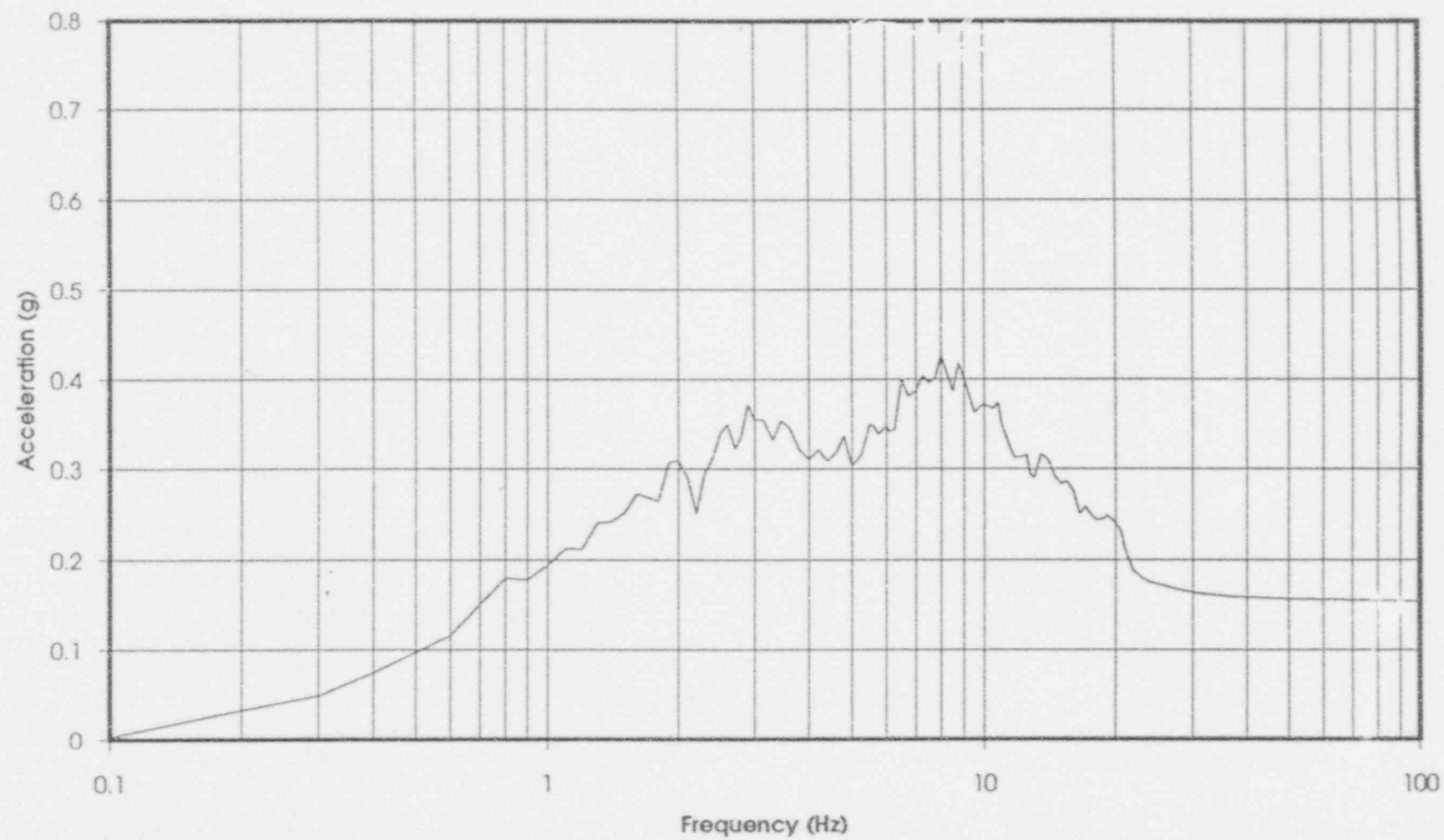
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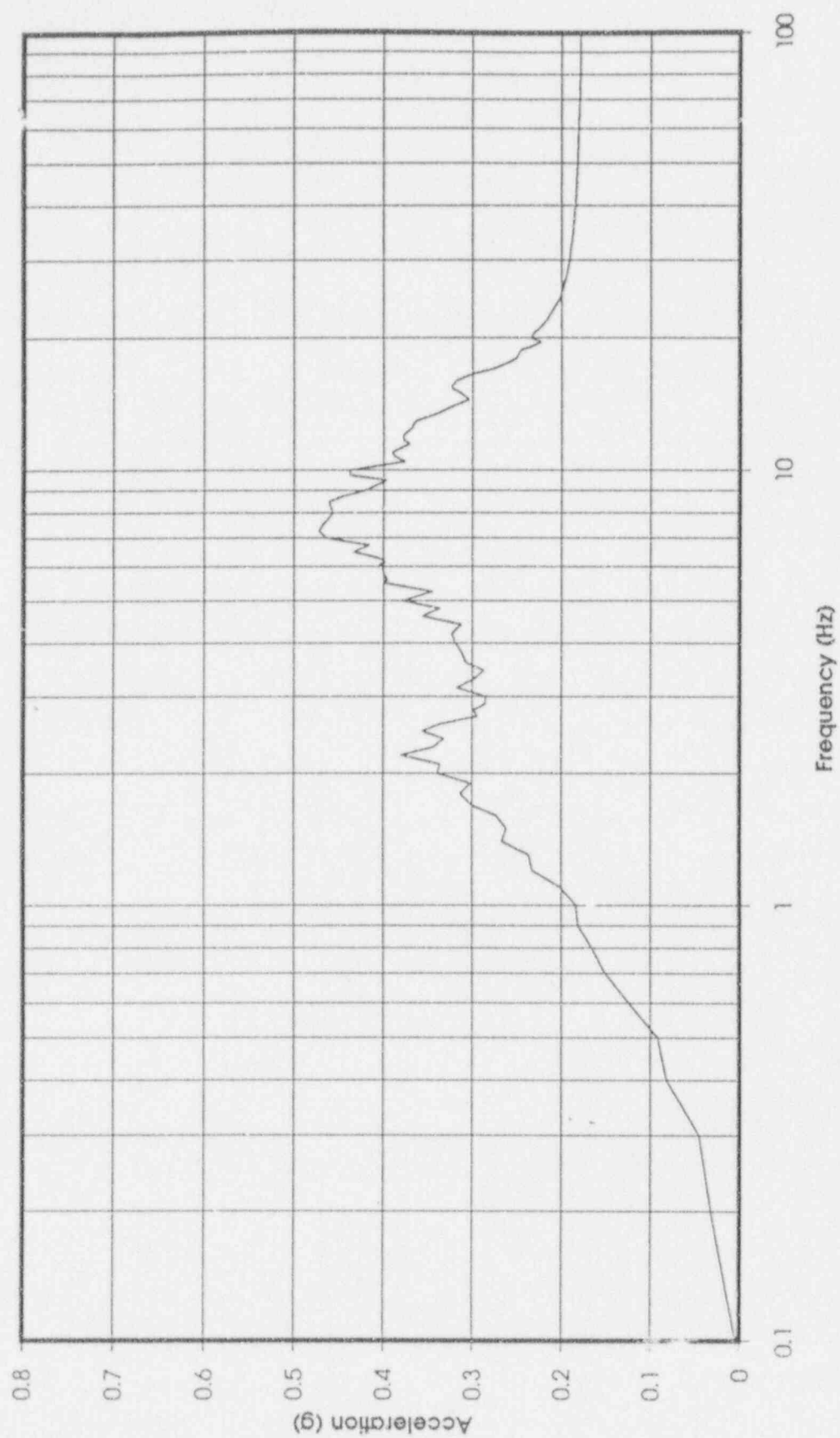
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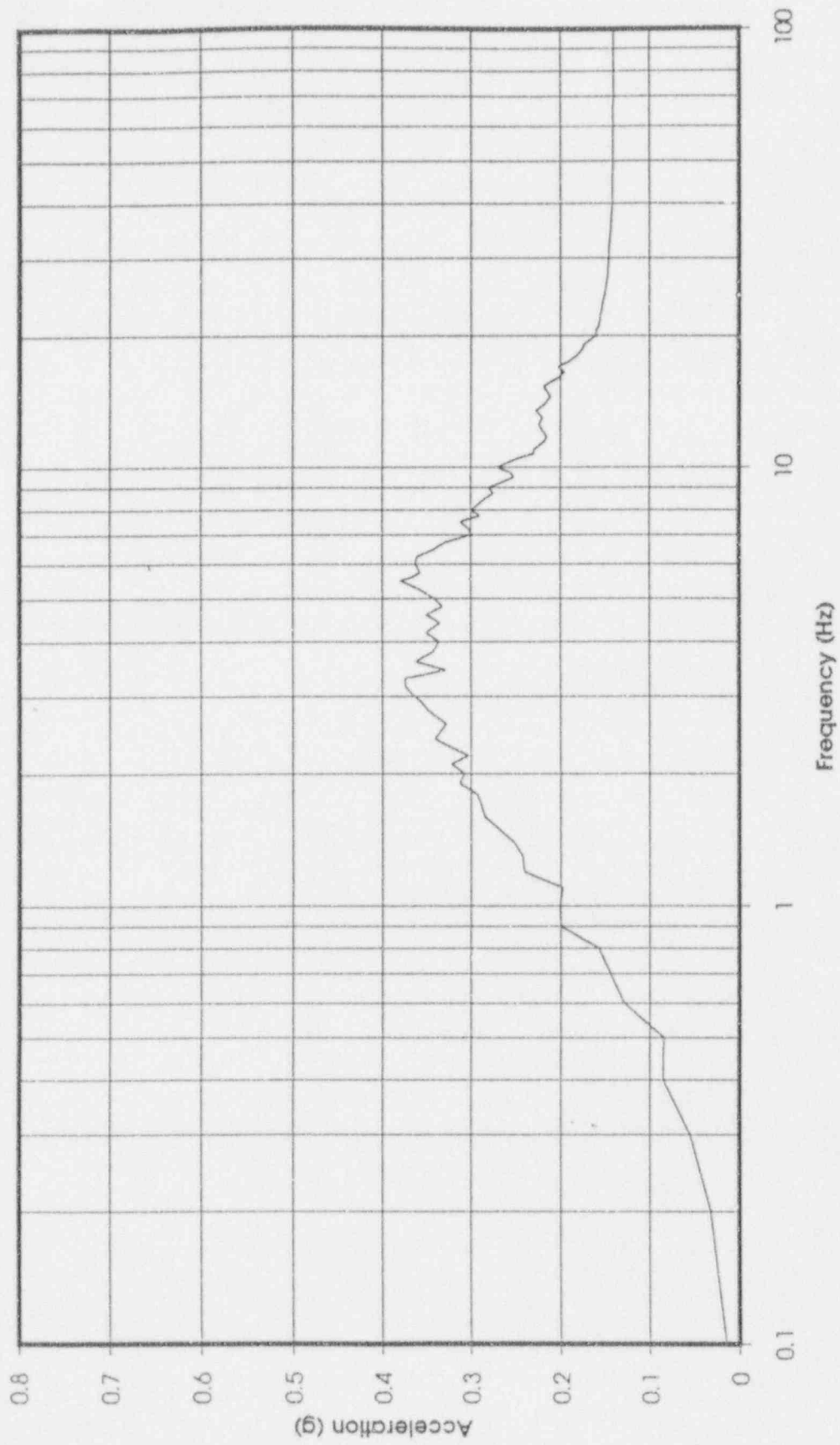
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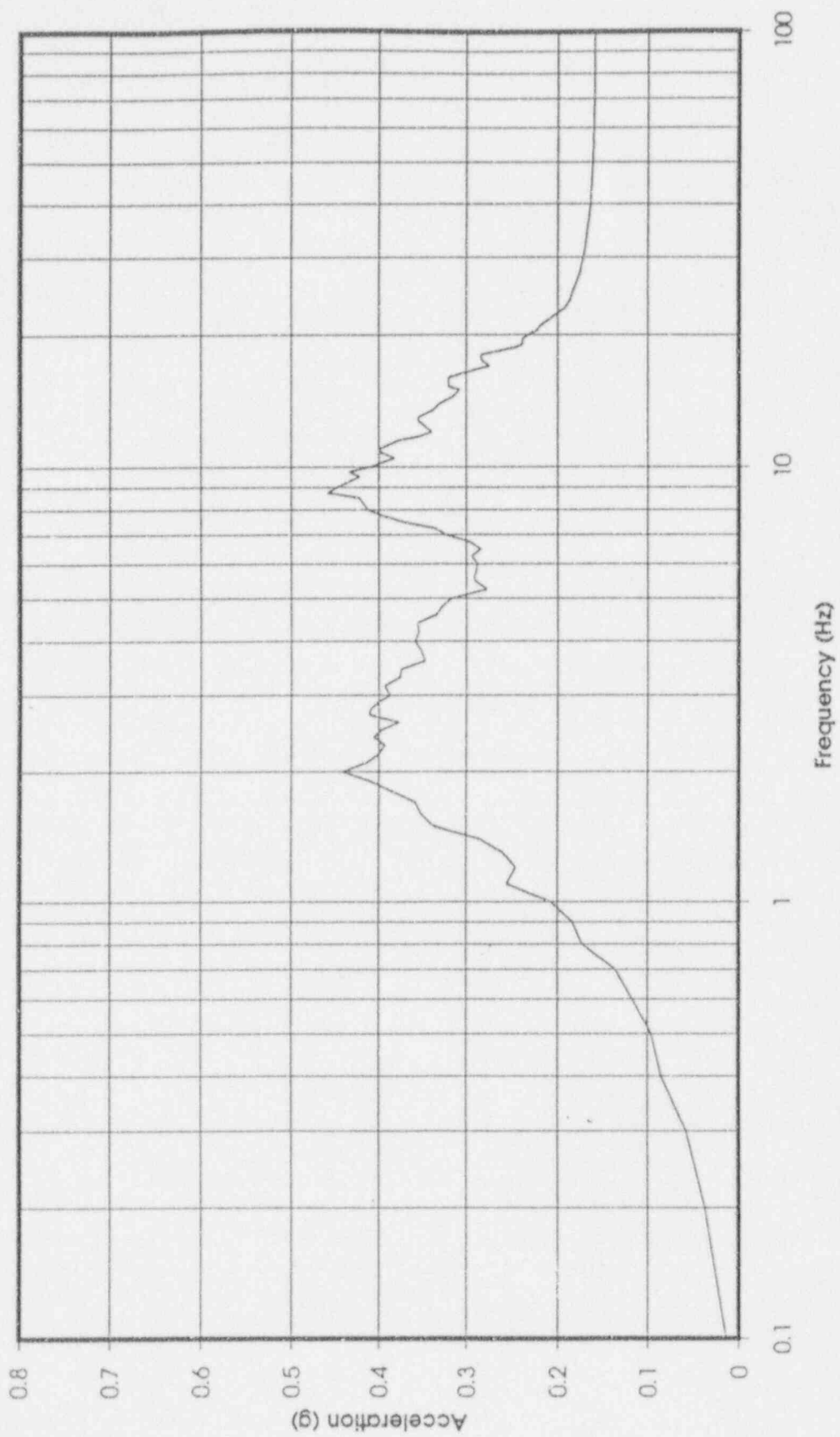
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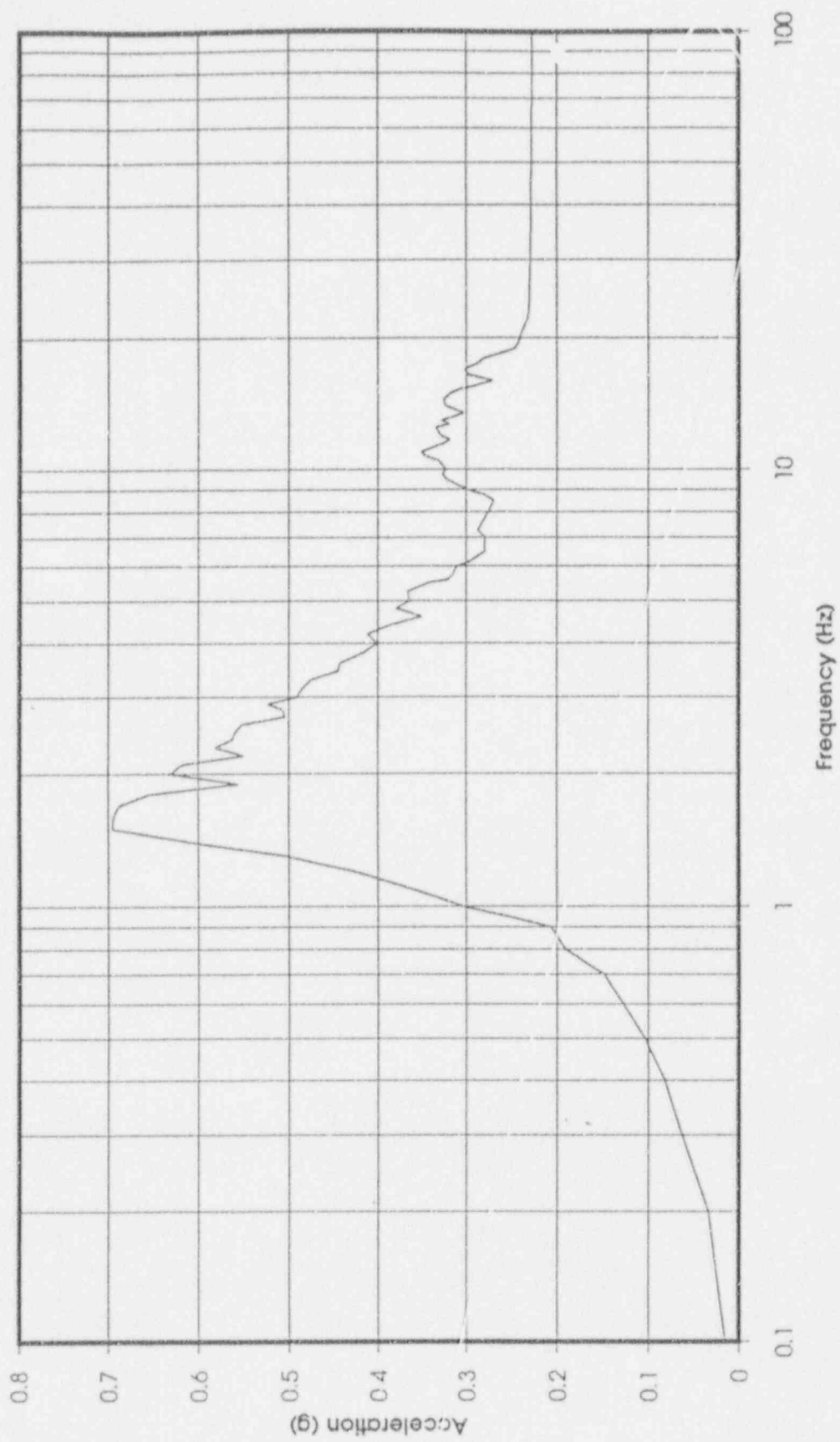
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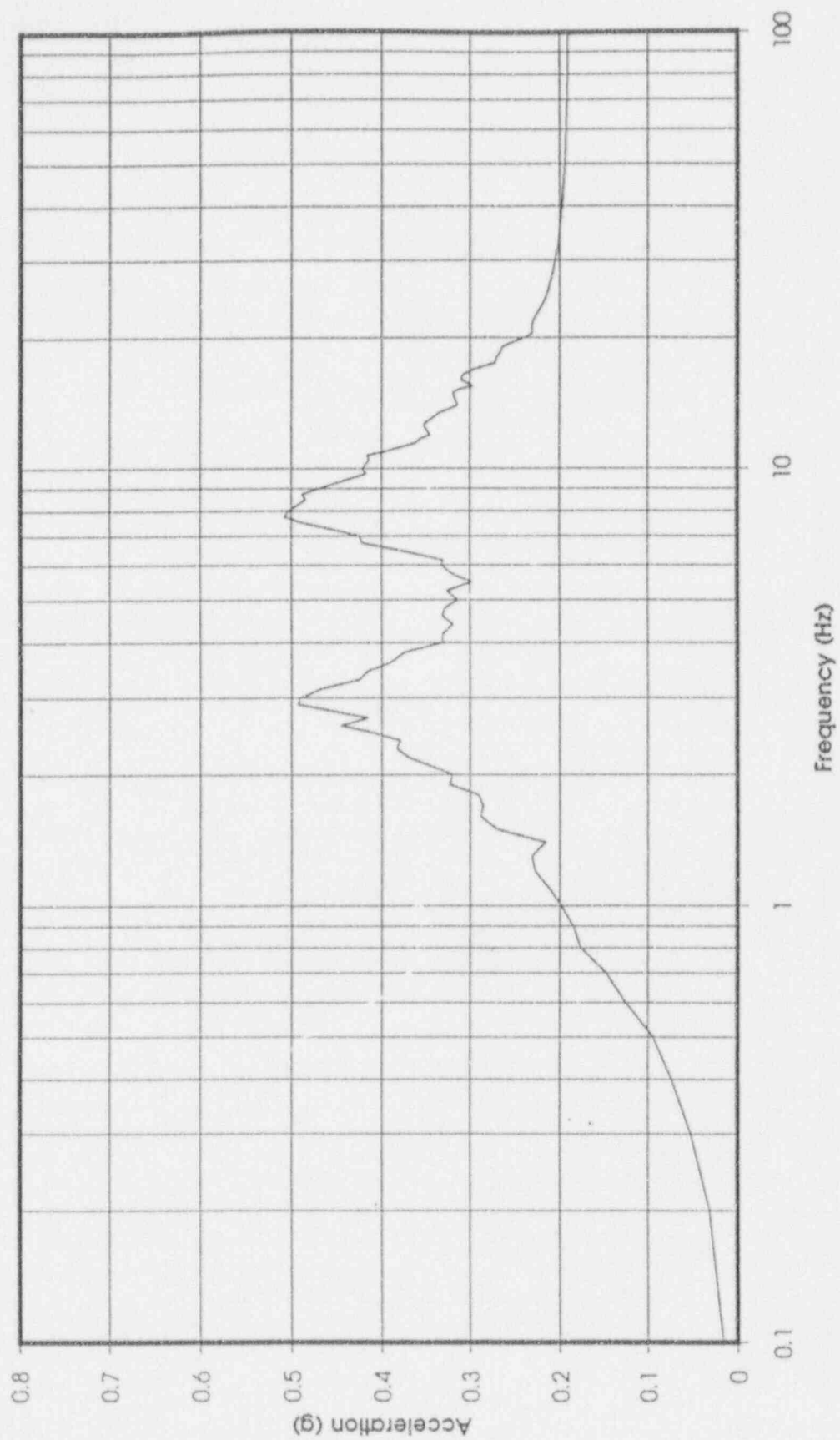
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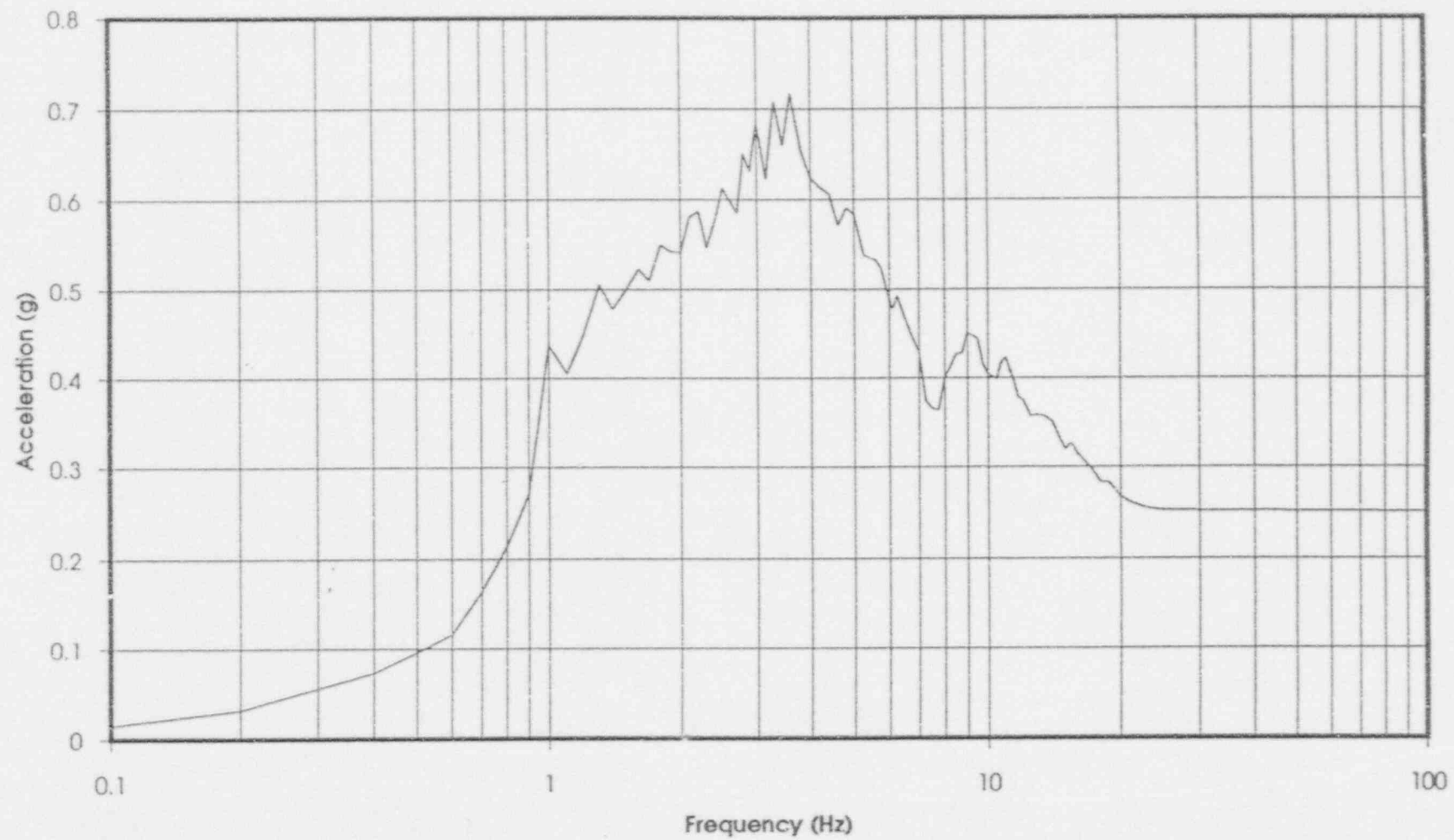
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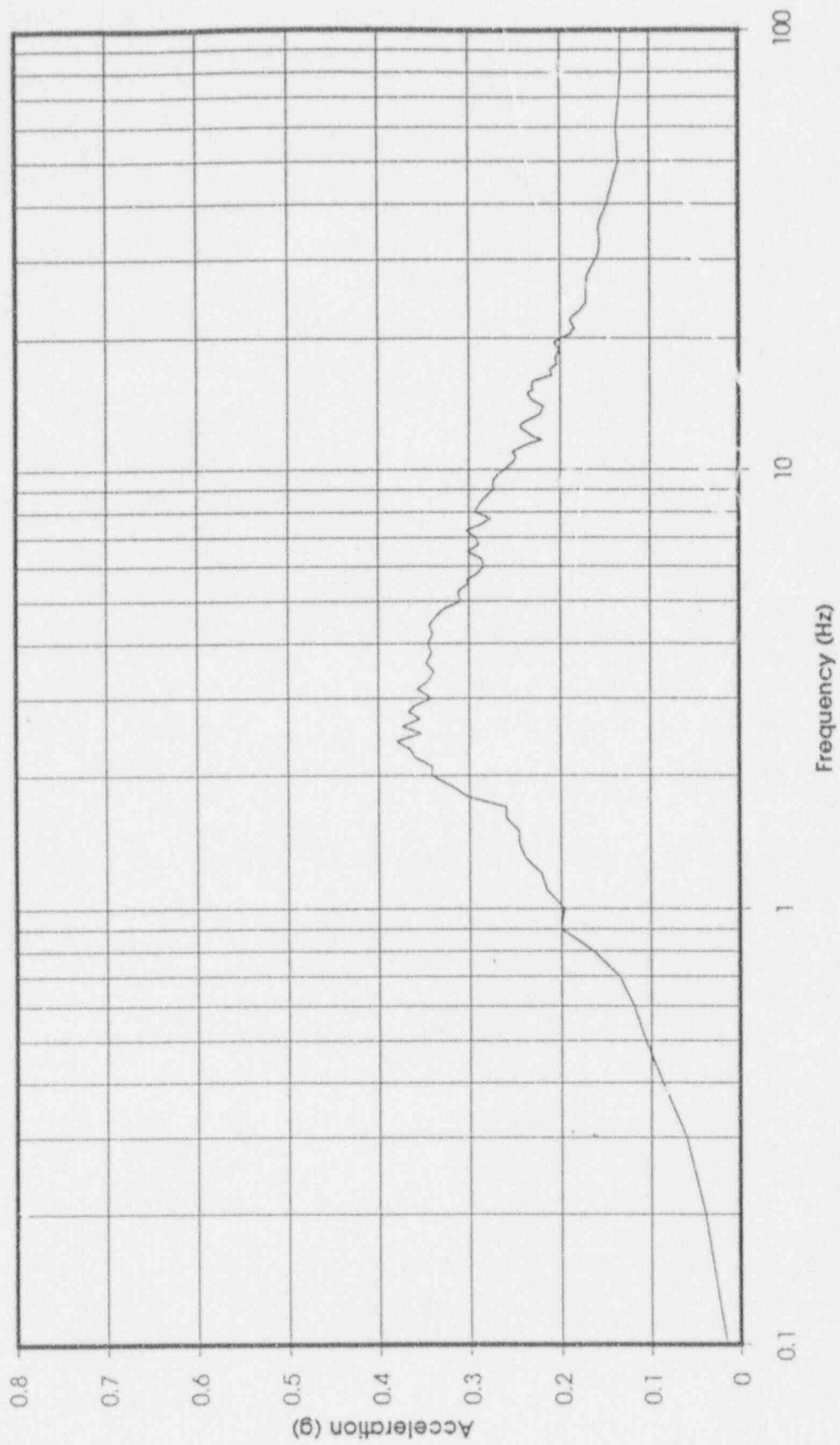
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Peach Bottom Radwaste/Turbine Building, Artificial T/H 13, 5% Damping



Peach Bottom Radwaste/Turbine Building, Artificial T/H 14, 5% Damping

