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 FACIL: 50-397 WPPSS Nuclear Project, Unit 2, Washington Public Power 05000397  
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SUBJECT: Forwards results of recomputed condensation oscillation load analysis & comparisons of chugging & load in terms of bldg acceleration response spectra for three representative critical locations, in response to NRC 820302 request.

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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that every entry should be supported by a valid receipt or invoice. This ensures transparency and allows for easy verification of the data.

In the second section, the author outlines the various methods used to collect and analyze the data. This includes both manual and automated processes. The goal is to ensure that the information is both reliable and up-to-date.

The final part of the document provides a summary of the findings and offers recommendations for future improvements. It suggests that regular audits and updates to the data collection process are essential for maintaining the highest level of accuracy.

The data collected over the past six months shows a steady increase in sales volume, particularly in the electronics and software sectors. This growth is attributed to a combination of factors, including targeted marketing campaigns and improved customer service.

However, there are also areas where performance has lagged. For example, the retail sector has experienced a decline in sales, which may be due to increased competition and changing consumer preferences. Further analysis is required to identify the root causes and develop effective strategies to address these challenges.

Overall, the data indicates that the company is on a positive trajectory, but it is crucial to remain vigilant and responsive to market changes. By continuing to invest in research and development, and by maintaining a strong focus on customer satisfaction, the company can position itself for long-term success.

## Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509)372-5000

Docket No. 50-397

April 1, 1982  
G02-82-351

Mr. A. Schwencer, Chief  
Licensing Branch No. 2  
Division of Licensing  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2  
CONDENSATION OSCILLATION LOAD

Reference: G02-81-552, dated December 24, 1981



The Reference letter transmitted a report comparing Condensation Oscillation and Chugging Loads, which concluded that the CO load was not a governing load for the WNP-2 plant. On March 2, 1982, during a telephone conference call, the NRC requested information concerning structural response to the CO load in the 0-10 Hz frequency range. Accordingly, Burns and Roe recomputed structural responses at representative locations in the WNP-2 containment, using the Mark II generic CO load specification with frequencies higher than 10 Hz filtered out. These responses were then compared with structural responses due to chugging. The attached figures show the results of this analysis and comparison of chugging and CO load in terms of building acceleration response spectra (at 1% damping) for three representative critical locations: the stabilizer truss (node 21), the containment vessel at drywell floor elevation (node 76), and the containment vessel at the point of maximum response in the wetwell (node 132).

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Mr. A. Schwencer  
Page Two  
April 1, 1982  
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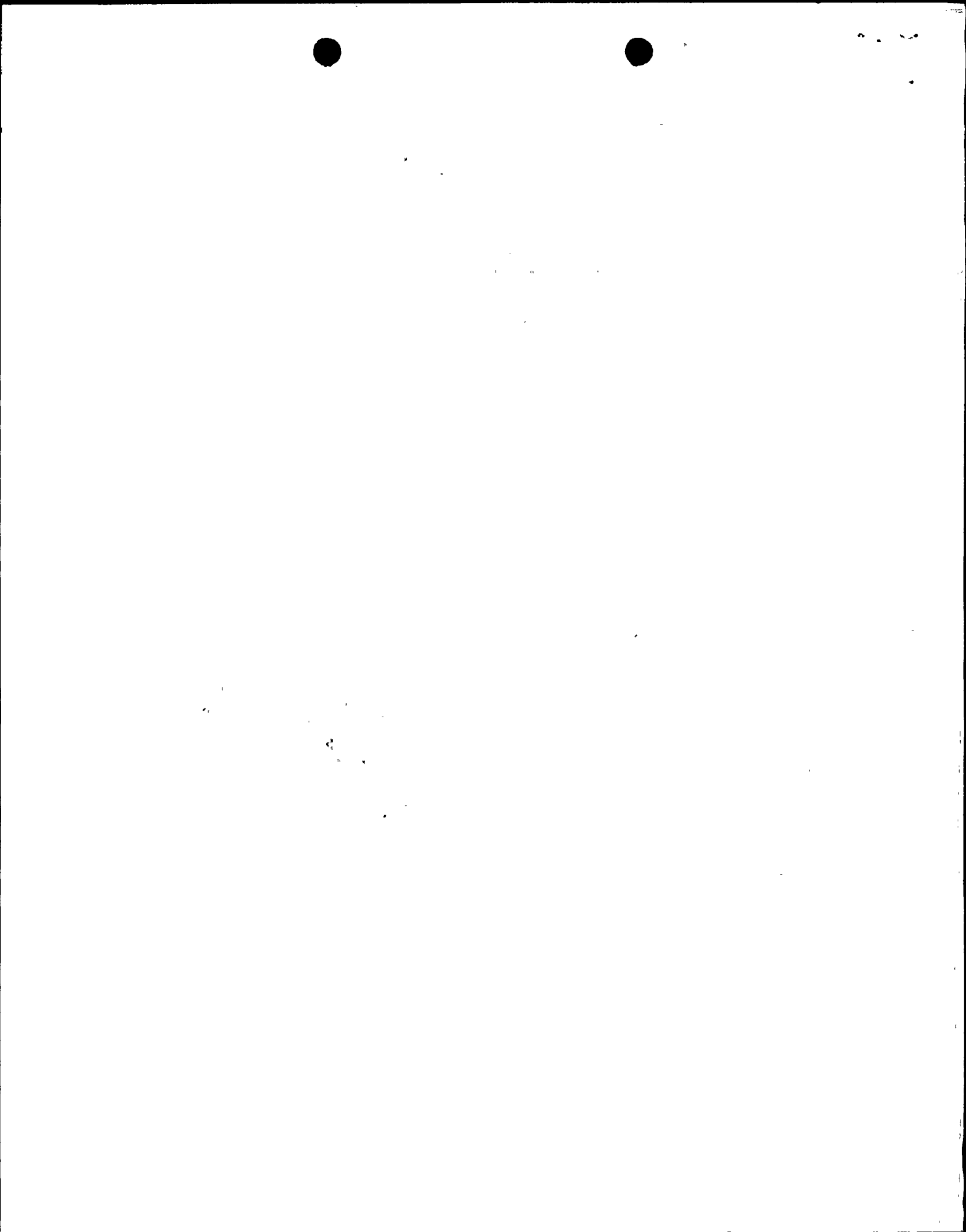
Examination of the results plotted in Figures 1, 2, and 3, clearly indicates that responses to the WNP-2 plant unique chugging load are larger, and by a significant margin, than the responses to the Mark II generic CO load with frequencies higher than 10 Hz filtered out.

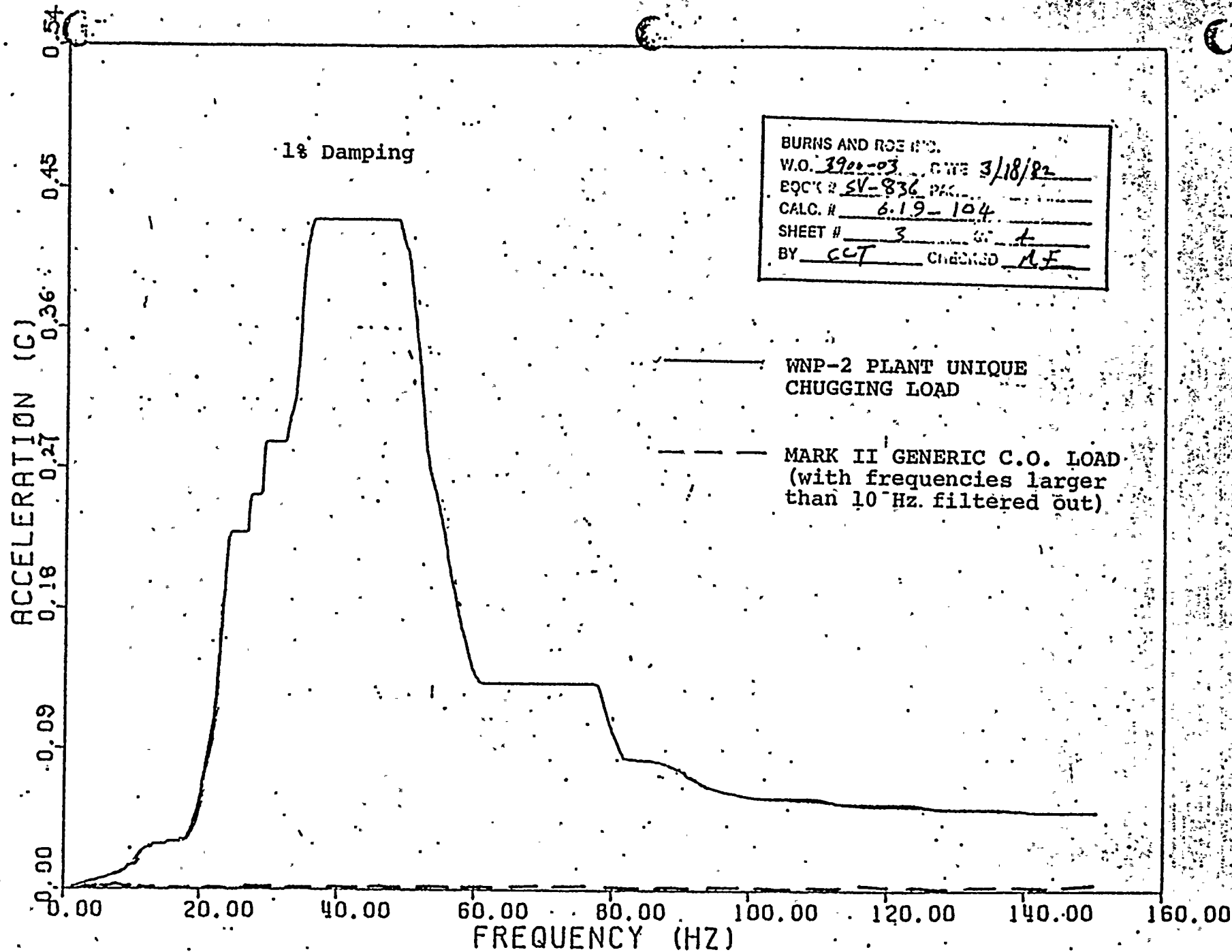


G. D. Bouchey  
Deputy Director, Safety and Security

EAF:kjf  
Attachments: Figures 1, 2, and 3

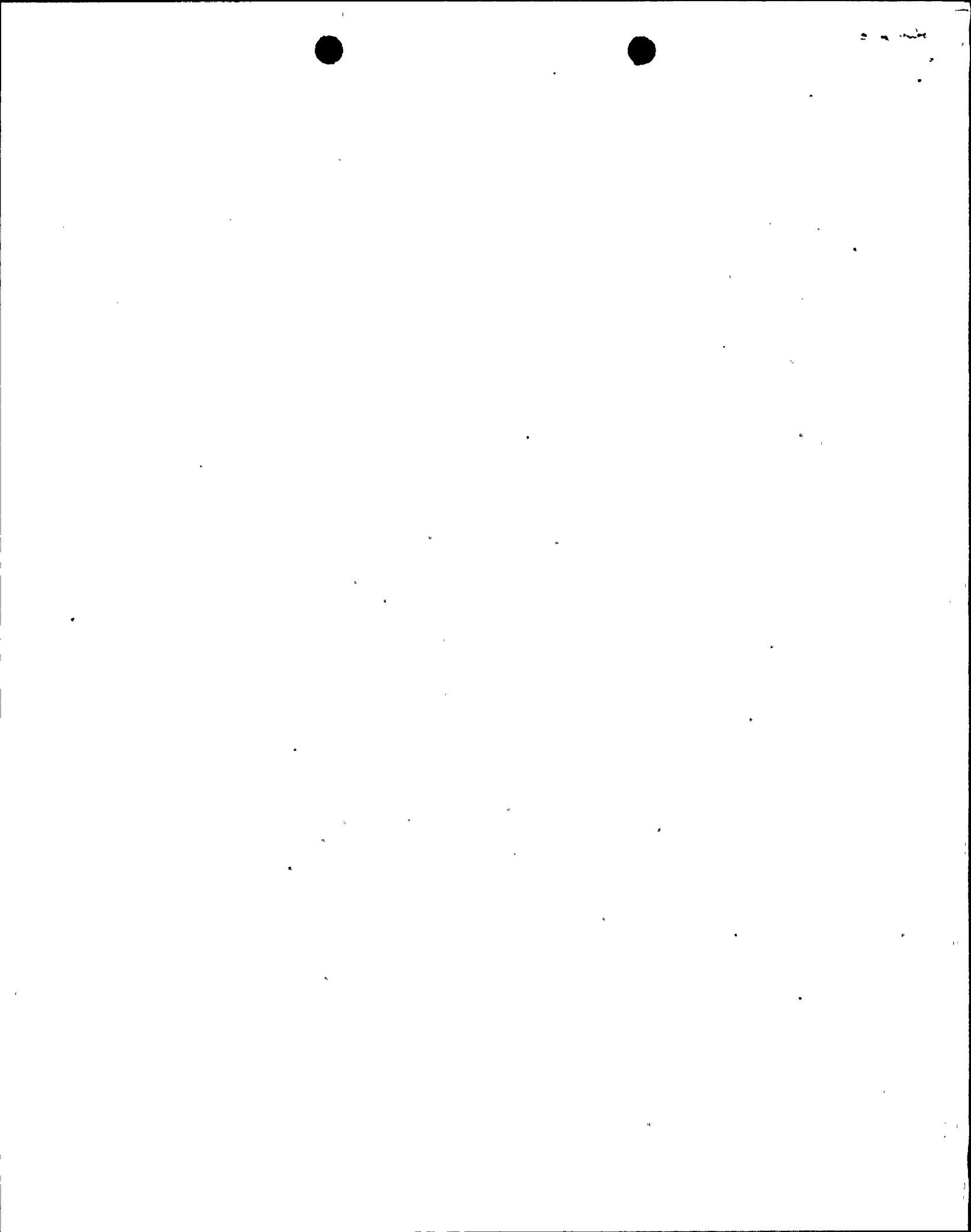
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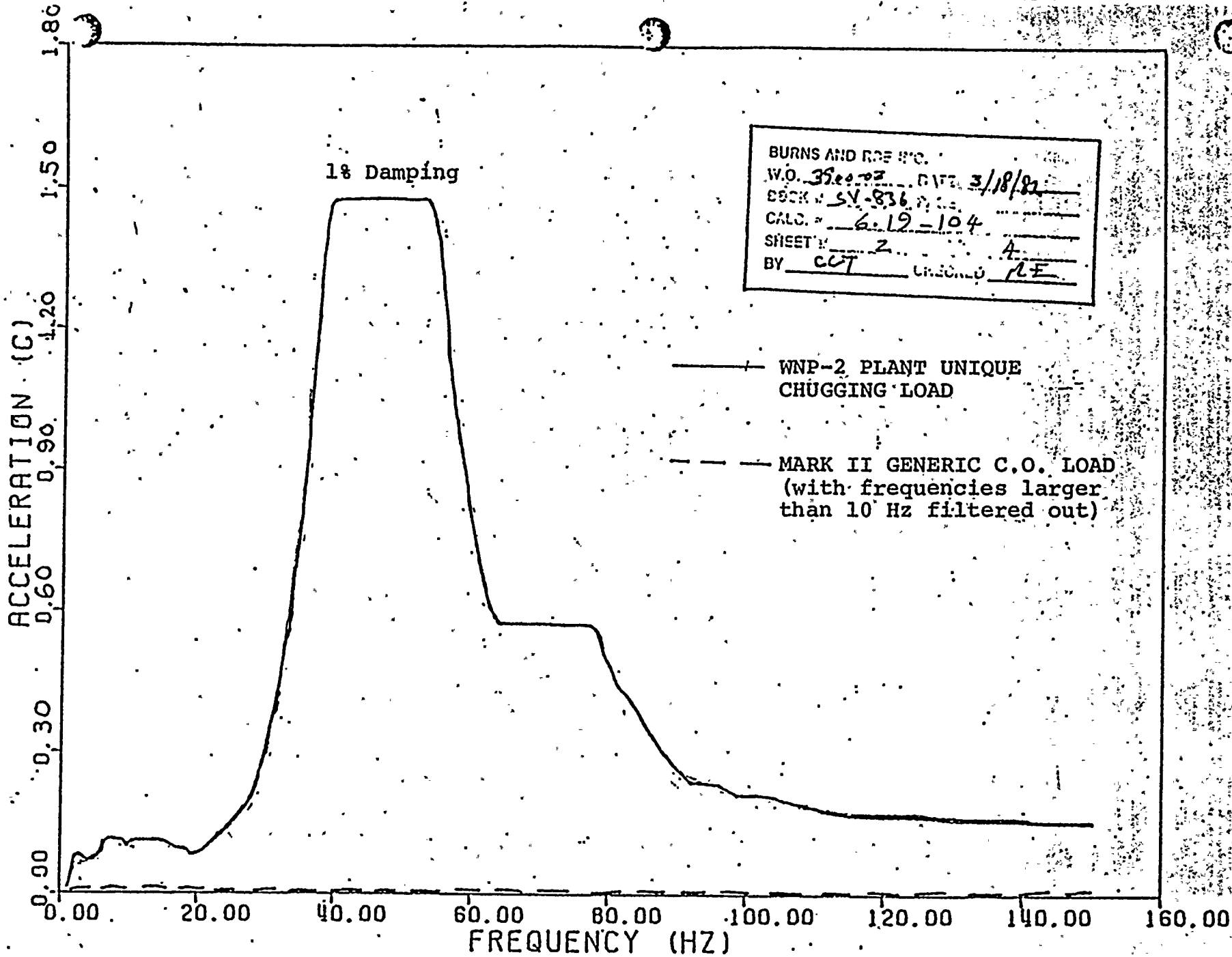


WPPSS = 2 - NEARLY SYMMETRIC CHUGGING - (BASED ON UTCO DATA)  
 MASS NO. 21 FT. HORIZ. TRANSLATION  
 CONTAINMENT VESSEL (DRYWELL)

FIGURE 1

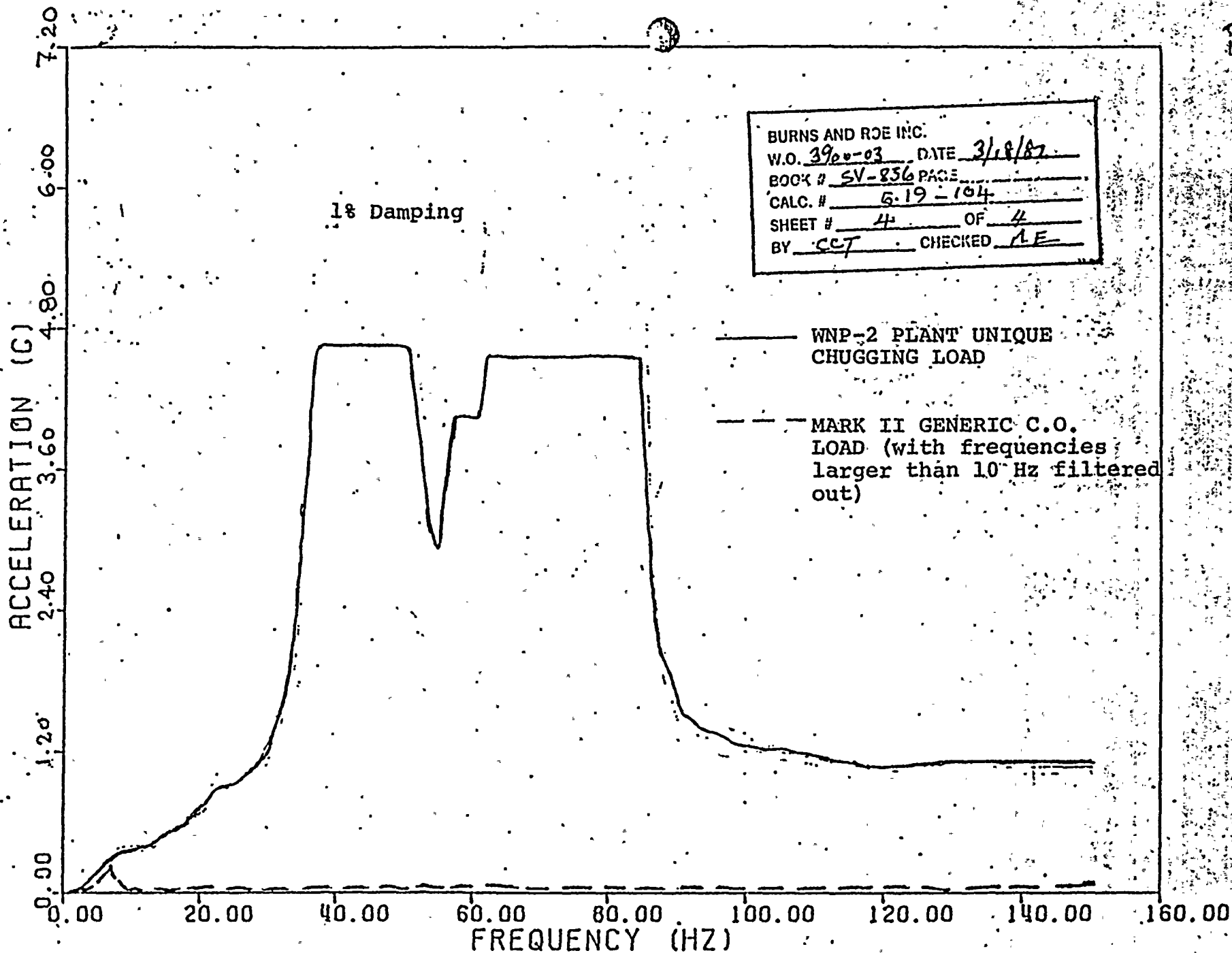






WPPSS = 2 - NEARLY SYMMETRIC CHUGGING - (BASED ON UTC0 DATA)  
 MASS NO. 76 FT. VERT. TRANSLATION  
 CONTAINMENT VESSEL (DRYWELL)

FIGURE 2



WPPSS = 2 - NEARLY SYMMETRIC CHUGGING - (BASED ON UTCO DATA)  
 MASS NO. 132 FT. HORIZ. TRANSLATION  
 CONTAINMENT VESSEL (WETWELL)

FIGURE 3

