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November 26, 1996

PT21

Attention: Nuclear Administrator
Boeing Information & Support Services
P.O.Box 24346, M/S 7A-33
Seattle, Washington 98124-0346

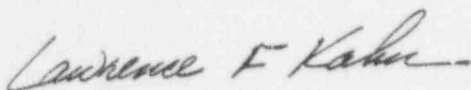
RE: GT STRUDL

Dear Sir or Madam:

Enclosed please find copies of GTSTRUDL PROGRAM REPORT FORM No. 96.25 and a VENDOR ACKNOWLEDGMENT FORM. Please sign and return the VENDOR ACKNOWLEDGMENT FORM to acknowledge receipt of the GTSTRUDL Program Report.

Thank you for reviewing the Program Report and for returning the Acknowledgment Form.

Best regards,
CASE Center



Lawrence F. Kohn
Director

LFK/tlk
Enclosures

9612260076 961126
PDR GA999 EMVBOE
99901227 PDR

GA999 (99901227)

DD3R-13 vendor info

IE20%

GTSTRU DL Program Report Form

GPRF No.: 96.25

DATE: 11/26/96

FROM: Computer-Aided Structural Engineering Center
Georgia Institute of Technology
Atlanta, Georgia 30332-0355

SEVERITY LEVEL:

- ☒ **URGENT** Problem results in incorrect answers which may not be apparent or job aborts and cannot be recovered within the session or job.
- ☐ **SERIOUS** Problem results in incorrect answers which are obvious or problem prevents completion of a particular user's task.
- ☐ **MINOR** Problem can be worked around or problem poses high frustration factor.
- ☐ **INFORMATIVE** Documentation error, program usage tip, user inconveniences.

Date Problem Confirmed 11/26/96

Date Notification Sent 11/26/96

Computers All

Operating System All

Version All

Target Release for Correction 96.02

Michael H. Swanger
Signature
R & D Division

Mgr. ASD
Title

Michael H. Swanger
Typed or Printed Name

11/21/96
Date of Signature

Lawrence Kahn
Signature
Professional Services Division

11/25/96 Director Professional Services
Title

Lawrence Kahn
Typed or Printed Name

11/25/96
Date of Signature

GTSTRUDL Program Report Form
(Continued)

GPRF No.: 96.25

DATE: 11/26/96

DESCRIPTION

Section 2.1.9, Volume 1 of the GTSTRUDL User's Manual states that if one of the segment lengths is not specified for the member properties data of variable non-prismatic members, the correct length of that segment will be automatically computed. This procedure causes an abort in stiffness analysis if the DEAD LOAD command is given prior to the STIFFNESS ANALYSIS command. A work-around that prevents the abort is to give the CONSISTENCY CHECK command prior to the DEAD LOAD command as follows:

CONSISTENCY CHECK
DEAD LOAD 'DL' DIR -Y ALL MEMBERS

STIFFNESS ANALYSIS

Applicable sections of the User's Manual:

The MEMBER PROPERTIES Command	Section 2.1.9.2, Volume 1, GTSTRUDL User's Manual
Variable Specs	Section 2.1.9.2.3
Independent Dead Loading Command	Section 2.1.11.3.1, Volume 1, GTSTRUDL User's Manual
The CONSISTENCY CHECK Command	Section 2.1.12.4, Volume 1, GTSTRUDL User's Manual
The STIFFNESS ANALYSIS Command	Section 2.1.13.2, Volume 1, GTSTRUDL User's Manual