

January 22, 1998
G-1151-SJA-98-049

Document Control Desk
United States Nuclear Regulatory Commission
Washington, D.C. 20535



- Reference: a) Boeing Letter G-1151-RSO-92-365 dated August 31, 1992; R. S. Orr to the NRC Operations Center
- b) NRC Letter Docket No. 99901227 dated August 12, 1992; L. J. Norrholm to R. S. Orr; Subject: Response to 10 CFR 21 Inquiry

Dear Sir or Madam:

In accordance with the reference correspondence and 10 CFR 21, Boeing is sending the NRC the attached error notice(s) received from our former software suppliers. Because of unknown current addresses, the following former customers were not notified:

Reactor Controls, Inc.
Echo Energy Consultants, Inc.
Nuclear Applications and Systems Analysis Company (Japan)
Nuclear Power Services

Error notices have been sent to our other former customers.

Very truly yours,

Sandra J. Andrews
Nuclear Administrator
Phone: (425) 865-6248
FAX: (425) 865-4851
Mail Stop: 7A-33, or
e-mail: Sandra.J.Andrews@Boeing.com

Enclosure(s): GTSTRUDL Program Report Form 98.01

9801290049 780122
PDR QA999 EMVBOE
99901227 PDR



QA999, PT 21

IE091
ID+R-13



**Georgia Institute
of Technology**

GT STRUDL®

January 15, 1998

JAN 22 1998
CONTRACTS

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 98.01, and a GTSTRUDL QA CUSTOMER ACKNOWLEDGEMENT FORM. Please sign and return the GTSTRUDL QA CUSTOMER ACKNOWLEDGEMENT FORM to acknowledge receipt of the GTSTRUDL Program Report.

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

Best regards,
CASE Center

David C. Key
Configuration Control Manager

Enclosures

GTSTRUDL Program Report Form

GPRF No.: 98.01

DATE: 1/12/98

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 January 12, 1998

Date Notification Sent 1/15/98

Computers PC (DOS, NT, 95), VAX, SUN, HP, RS

Operating System see "Computers" above

Version 93.01, 94.01, 96.01, 97.01

Target Release for Correction 1998.2

Michael H. Swanger
Signature
R & D Division

Mgr. ASD
Title

Michael H. Swanger
Typed or Printed Name

1/12/98
Date of Signature

David C. Key
Signature
Professional Services Division

Configuration Control Manager
Title

David C. Key
Typed or Printed Name

1/15/98
Date of Signature

GTSTRUDL Program Report Form
(Continued)

GPRF No.: 98.01

DATE: 1/12/98

DESCRIPTION:

The COMPUTE GROSS RESULTS command will abort if joint displacements have not been previously computed by the COMPUTE ALL DISPLACEMENTS command. This will occur in the offshore analysis and design pile-structure interaction analysis if the super element used to create the stiffness matrix at the pile-structure boundary joints does not contain all the active members in the structure. The super element must contain all active members/elements in the structure and the set of active members/elements may not be changed prior to giving the COMPUTE GROSS RESULTS command subsequent to the pile analysis.

GTSTRUDL User Reference Manual Sections:

ACTIVE/INACTIVE Structure Specification
The Split Solver Commands for Static Analysis
Guidelines for Pile-Structure Analysis

Section 2.1.3.4, Volume 1, Rev. D
Section 2.1.13.3, Volume 1, Rev. P
Section 6.7, Volume 8, Rev. M