

July 26, 1994
G-1151-RSO-94-254

Document Control Desk
United States Nuclear Regulatory Commission
Washington, D.C. 20555

BOEING

Reference: a) Boeing Letter G-1551-RSO-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,



R. S. Orr
Nuclear Administrator
G-1151 M/S 7A-33
(206) 865-6248

Attachment(s): GTICES Program Report Form No. 94.10

020011

9408030327 940726
PDR PT21 EECBDEC
94 PDR

IF20
11
11

GTISL Program Report Form

GPRF No.: 94.10

DATE: 7/18/94

FROM: GTICES SYSTEMS LABORATORY
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 7/18/94

DATE NOTIFICATION SENT 7/20/94

COMPUTERS All

OPERATING SYSTEM All

GTISL PRODUCT NAME GTSTRUDL

VERSION All versions 87.01 - 94.01 including 87.01 & 94.01

TARGET RELEASE FOR CORRECTION 94.02

GTISL Program Report Form
(Continued)

GPRF No.: 94.10

DATE: 7/18/94

DESCRIPTION:

See attached sheet entitled
"Local and Planar Surface Forces on IPSL, IPSQ,
and TRAVIS3D Elements"

Joseph H. Will
Signature
Software R&D Division

Director, ASD
Title

Joseph H. Will
Typed or Printed Name

7/18/94
Date of Signature

Lawrence Kohn
Signature
Professional Services Division

Director Professional Services
Title

Lawrence Kohn
Typed or Printed Name

7/18/94
Date of Signature

LOCAL AND PLANAR SURFACE FORCES
ON
IPSL, IPSQ, AND TRANS3D ELEMENTS

Local and Planar surface forces applied to Faces 2,3, and 4 of the IPSL, IPSQ, and TRANS3D elements will produce forces opposite to the direction specified in the User's Manual. Users can verify that this error has occurred by checking the direction of the reactions from the LIST REACTIONS or LIST SUM REACTIONS commands.

Workaround:

Either reverse the sign of the applied loads on Faces 2,3, and 4 or replace the IPSL element with the IPLS and the IPSQ element with the IPQS. If you switch the IPSQ element to the IPQS, you must also alter the order of the element incidences. There is not an alternative element for the TRANS3D.

Applicable Sections of the Documentation:

Section 2.3.5.4.2, Volume 3, Element Load Capabilities for Isoparametric Elements