

March 23, 1994
G-1151-RSO-94-084

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.

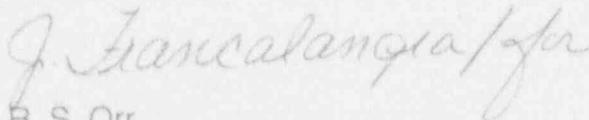
Echo Energy Consultants, Inc.

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. 94.07

GTISL Program Report Form

GPRF No.: 94.07

DATE: March 17, 1994

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 March 16, 1994

DATE NOTIFICATION SENT March 18, 1994

COMPUTERS All with the exception of DEC VAX

OPERATING SYSTEM All

GTISL PRODUCT NAME GTSTRUDL

VERSION All versions prior to and including 92.01.

TARGET RELEASE FOR CORRECTION 94.02

GTISL Program Report Form
(Continued)

GPRF No.: 94.07

DATE: March 17, 1994

DESCRIPTION:

Case 3 of the moving load generator LANE LOAD command produces no applied member loads. An example of the problematic use of this command follows:

```
UNITS FEET KIPS
MOVING LOAD GENERATOR
LOAD PATH N 5 MEMBERS 1 2
LANE LOAD W 1.0 1 2
GENERATE LOAD Y SCALE -1.0 PRINT ON
END LOAD GENERATOR
```

The intent in the above example is to generate one uniformly distributed load equal to -1.0 kip/ft applied to both members 1 and 2. However no loads are generated. The following example illustrates a possible work-around for this problem:

```
UNITS FEET KIPS
MOVING LOAD GENERATOR
LOAD PATH N 1 MEMBERS 1 2
LANE LOAD W 1.0 1 2 P 1.E-7 1 2
GENERATE LOAD Y SCALE -1.0 PRINT ON
END LOAD GENERATOR
```

Note that the LOAD PATH N parameter is changed from 5 to 1 to prevent the generation of superfluous loading conditions as a result of moving the negligible 1.E-7 kip concentrated load along members 1 and 2.

Applicable sections of the GTSTRUDI User's Manual:

Section 2.1.11.3.5.5, Volume 1 description of moving load generator LANE
LOAD command

Michael H. Swanger
Signature
Software R&D Division

Mgr. ASD
Title

Michael H. Swanger
Typed or Printed Name

March 16, 1994
Date of Signature

Lawrence Kahn
Signature
Professional Services Division

Director Professional Services
Title

Lawrence Kahn
Typed or Printed Name

3/17/94
Date of Signature