Boeing Computer Services
P.O. Box 24346
Seattle, WA 98124-0346

March 8, 1994
G-1151-RSO-94-69

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,

G. Siuncalanza/sfs

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

Attachment(s): GTICES Program Report Form No. 94.05

140019

IE20
1/1

GTISL Program Report Form

GPRF No.: 94.05

DATE: Feb 28/1994

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.

_X_ 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 February 28, 1994

DATE NOTIFICATION SENT March 2, 1994

COMPUTERS All

OPERATING SYSTEM All

GTISL PRODUCT NAME GTSTRUDL

VERSION All versions prior to and including 93.01

TARGET RELEASE FOR CORRECTION 94.02

GTISL Program Report Form
(Continued)

GPRF No.: 94.05

DATE: Feb 28, 1994

DESCRIPTION:

Nonlinear analyses of structures which have nonlinear spring supports will not converge for the case where force-displacement/moment-rotation behavior of the stiffening type is defined for one or more of the nonlinear springs (see figure on the attached page). There is no work-around for this problem.

Applicable sections of the GTSTRUDL User's Manual:

1. Section 2.5.3.1, Volume 3 description of nonlinear spring force-displacement/moment-rotation characteristics

2. Section 2.5.3.2, Volume 3 specification of nonlinear spring properties

Michael Swanger — Mgr. ASD

Signature — Title

Software R&D Division

Michael Swanger — February 28, 1994

Typed or Printed Name — Date of Signature

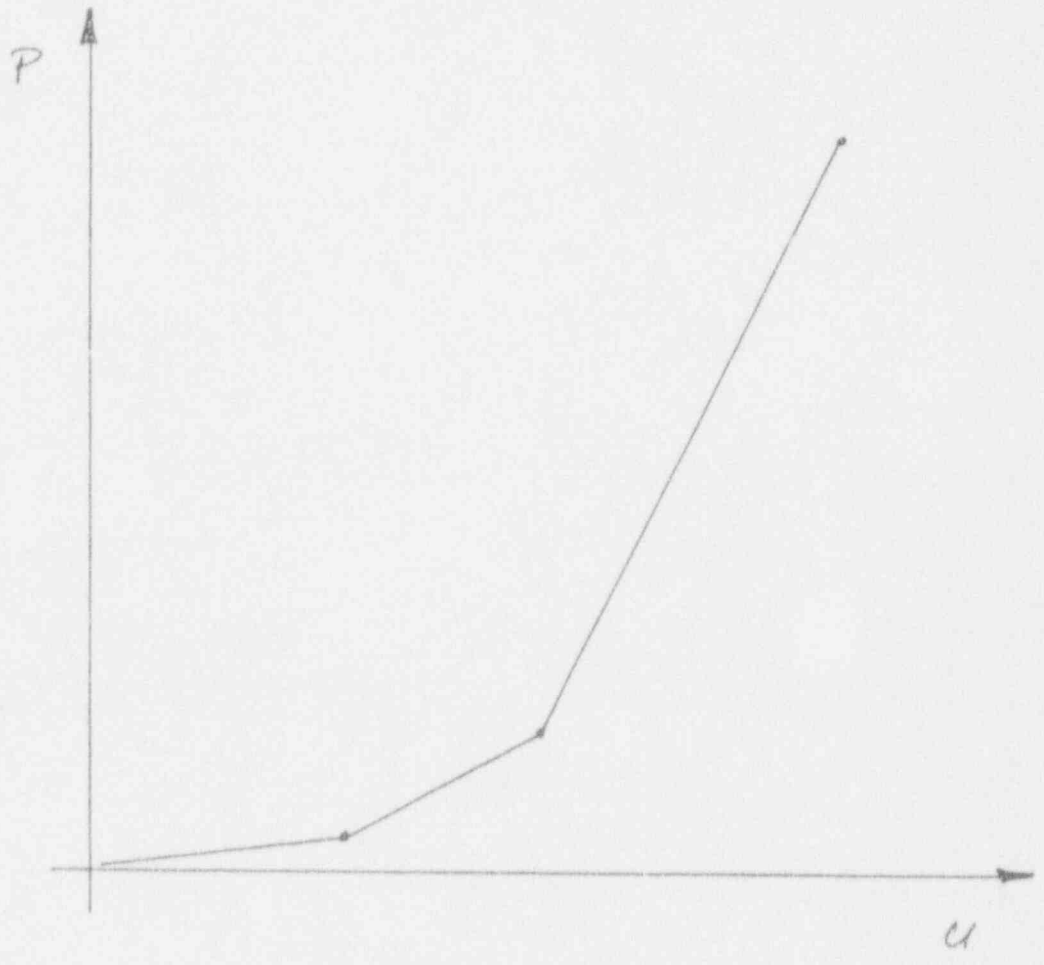
Lawrence F Kahn — Director Professional Services

Signature — Title

Professional Services Division

Lawrence F Kahn — 2/28/94

Typed or Printed Name — Date of Signature



Typical stiffening force-displacement behavior for a nonlinear spring