Interpretations No. 2 to ANSI/ASME B31.8

(This supplement is not part of ANSI/ASME B31.8 or the Addenda. It is included for information only.)

It has been agreed to publish Interpretations issued by the B31 Committee concerning B31.8 as part of the subscription service. This supplement includes Interpretations concerning B31.8 issued between January 1, 1984, and December 31, 1984. They have been assigned Interpretation numbers in chronological order. Each Interpretation applies to the latest Edition or Addenda at the time of issuance of the Interpretation. Subsequent revisions to the Code may have superseded the reply. Future versions of this supplement will cover inquiries issued over 1 year periods.

These replies are taken verbatim from the original letters, except for a few typographical and editorial corrections made for the purpose of improved clarity.

ASME procedures provide for reconsideration of these Interpretations when or if additional information is available which the inquirer believes might affect the Interpretation. Further, persons aggrieved by an Interpretation may appeal to the cognizant ASME committee or subcommittee. As stated in the Statement of Policy in the Code documents, ASME does not "approve," "certify," "rate," or "endorse" any item, construction, proprietary device, or activity.
Interpretation:  2-1

Date Issued:  November 16, 1984

Subject:  Hoop Stresses in 841.32

File:  B31-84-006

Question: To determine whether hoop stresses exceed 30% of the SMYS of pipe in 841.32 of ANSI/ASME B31.8, shall the 0.30 factor be applied to the entire hoop stress formula given in 841.11(a)?

Reply: No. The 0.30 factor shall be applied to $2St/D$. Factors $F$, $E$, and $T$ are not to be used in this case.