

MEMORANDUM

April 3, 1958

**SUBJECT: American Standards Association
Sectional Committee B31
ASA Code for Pressure Piping
Advisory Committee on Nuclear Piping**

1. The Code for Pressure Piping is operated under the procedures of the American Standards Association and the American Society of Mechanical Engineers as the administrative sponsor.
2. A special committee designated as the Advisory Committee on Nuclear Piping was organized in ASA B31 about a year ago. This Committee is under the chairmanship of Mr. Robert H. Shamon, United Engineers and Constructors, Inc., in Philadelphia, with Mr. W. R. Gall of Oak Ridge National Laboratory as Vice Chairman, and Mr. J. Morabito of Atomic Power Development Assoc., Inc. as Secretary.

The personnel of this Committee consists of 37 men, and a roster of the Committee is attached.

It will be noted that the men on this Committee have been drawn from organizations that are currently active in the nuclear design and construction field, supplemented by men chosen for their competence in certain specialized areas such as materials, piping components, nondestructive testing, etc.

3. Approximately two years ago it was decided to issue separate documents for each industrial usage area. The intent was that these documents would then be complete in themselves and would cover all piping within the scope of that industrial application.

The nuclear installations appear to break down into two categories, namely, piping in nuclear power plants, and piping in nuclear chemical processing plants.

The Advisory Committee on Nuclear Piping is currently studying the pros and cons of incorporating whatever special requirements are necessary for nuclear piping in the code sections covering power plants and chemical processing plants respectively, as compared with recommending to the Executive Committee the establishment of a separate code section covering nuclear piping in all phases. This matter is currently under active study.

4. This Committee is charged with the responsibility for establishing those parts of the Code which need either expansion or modification to fit the design and operating conditions peculiar to piping in nuclear service. They are further charged with bringing into their activity specialists in any field as they may find need for them for specific problems. This Committee then makes its recommendations to and works jointly with the standing committees in the development of appropriate Code material.

5. Commercially, the nuclear power plants require more prompt attention than do the processing plants, which for the moment are all under government jurisdiction. Mr. E. C. Pandorf of the Cincinnati Gas and Electric Company, and an active member of the B31 Advisory Committee on Nuclear Piping, has been made Vice Chairman of the Power Piping Committee and will be responsible for the active coordination between the Power Piping Committee and the Advisory Committee on Nuclear Piping, with particular emphasis on the Code drafting, which is currently under way preparatory to the issuance of a separate and integrated section.
6. It is the earnest belief of those working on the Committees that the operation procedures now in force will result in a Code that adequately covers the minimum safety requirements for both conventional and nuclear power plants and that the utility industry has much to gain from having one piping Code as compared with two.

Thus far the members of the Advisory Committee, who have a substantial cognizance of the problems encountered in the nuclear processing plants, hold the same opinion as it applies to the chemical side of nuclear facilities, and active coordination is here being achieved through Mr. W. R. Gall who is Vice Chairman of the Advisory Committee and a member of the Chemical Processing Section.

Respectfully submitted,



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Chairman, ASA B31 Sectional
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FSGW/bh
att.

Advisory Committee on Nuclear Piping

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