

March 15, 2001

Mr. David E. Waskey, Chairman
ASME Working Group
on Welding and Special Repair Processes
Framatone Technologies
3315 Old Forrest Rd.
Lynchburg, VA 24501-2912

Dear Mr. Waskey:

I would like to nominate Dr. James A. Davis to replace Mr. Robert Hermann as the authorized NRC representative on the ASME Working Group on Welding and Special Repair Processes. Dr. Davis is a Materials Engineer in the Materials and Chemical Engineering Branch in the Office of Nuclear Reactor Regulation. The completed PF-1 form for Dr. Davis is enclosed.

In accordance with OMB Circular A-119, "Federal Participation in the Development and Use of Voluntary Consensus Standards and in Conformity Assessment Activities," February 19, 1998, the participation on a committee of an authorized NRC representative does not connote agency agreement with, or endorsement of, decisions reached by the committee, or of standards approved and published as a result of the committee's efforts. Agency representatives participating on standards developing groups will, to the extent possible, ascertain the views of the agency on matters of interest and will express views that are consistent with established agency views.

Correspondence should be addressed to:

U.S. Nuclear Regulatory Commission
ATTN: Dr. James A. Davis
M/S O9-H6
Washington D.C. 20555
Voice: 301-415-2713
Fax: 301-415-2444
e-mail: jad@nrc.gov

Sincerely,

Michael Mayfield */ra/*
NRC Standards Executive
Office of Nuclear Regulatory Research

Enclosure: PF-1 form

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 ASME Working Group
 on Welding and Special Repair Processes
 Framatone Technologies
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Sincerely,

Michael Mayfield
 NRC Standards Executive
 Office of Nuclear Regulatory Research

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| NAME | WNorris:wn | JDavis:jad | WHBateman:whb | JRStrosnider:jrs |
| DATE | 3 / 7 /01 | 3 / 7 /01 | 3 / 8 /01 | 3 / 8 /01 |
| OFFICE | ADPT | D:NRR | RES | |
| NAME | BWSheron:bws | SCollins: bws f/ | MMayfield:mem | |
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ASME CODES STANDARDS PERSONNEL FORM (PF-1 10/96)

NAME: James A. Davis

DATE: 02/21/01

TITLE: Materials Engineer

COMMITTEE: Working Group on Welding and Special Repairs

COMPANY: US Nuclear Regulatory Commission, Mail Stop: O9-H6

CITY: Washington [X] Member

STATE: DC

ZIP: 20555

Alt. To:

Officer:

E-Mail: jad@nrc.gov

Tel No.: (301) 415-2713

FAX No.: (301) 415-2444

IF YOU ARE A MEMBER OF ASME, FILL IN YOUR MEMBER NUMBER BELOW

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| MEMBER NUMBER | | | | | | | |
|---------------|--|--|--|--|--|--|--|

Professional Engineers License: Yes No

Degrees: B.Met.E., M.S., Ph.D.

DATE OF BIRTH: XXXXXXXXXX

ASME Committee Membership and offices held: Listed below

Member: ASME B-1 Main Committee

Membership in other technical organizations:

NACE International

ASTM

Experience and qualifications for appointment (use attachment if necessary):

See Page 2.

Staff Use:

Interest Class: _____

Designated Liaison (if applicable): _____

ASME CODES AND STANDARDS PERSONNEL FORM (PF-1) (continued)

James A. Davis

U.S. Nuclear Regulatory Commission, Office of
Nuclear Reactor Regulation

Experience and qualification for appointment (continued)

1. I am a technical reviewer in the Materials Inspection Section of the Materials and Chemical Engineering Branch of the Division of Engineering, Office of Nuclear Reactor Regulation. Areas of responsibility include coatings for nuclear power plants, license renewal for Calvert Cliffs and Oconee, all threaded fastener issues (such as stress corrosion cracking, boric acid corrosion, and fatigue), chemical decontamination, Boiling Water Reactor internals cracking, pump and valve internals cracking, pipe integrity issues, and corrosion behavior for dry cask storage, and interaction of coatings with spent fuel water. Currently, I am coordinating the responses to a generic letter on containment coatings for nuclear power plants. I am the NRC representative to ASTM D-33 on coatings for power generation facilities.
2. At the Kendall Company, I was responsible for domestic and international technical marketing for Polyken Pipeline Coatings. As part of my job, I made technical presentations on Polyken Pipeline Coatings in North America, USSR, Egypt, India, Iraq, Japan, Australia, Bolivia, France, England, Germany, Czechoslovakia, Italy, Switzerland, Algeria, Singapore, and Jakarta to ministries and high level government officials. I coordinated joint research between Polyken and the VNIIGAS and VNIIST Technical Institutes in Moscow on the development of high temperature pipeline coatings.
3. At Arthur D. Little, I was a consultant to the Department of Engineering (DOE) on the metallurgical and mechanical condition of defense nuclear waste tanks that were damaged during stress relieving and that were damaged by sulfate reducing bacteria. This included a review of the structural integrity of the waste tanks and a review of DuPont's program to control stress corrosion cracking of the tanks. I was a consultant to DOE on the Savannah River Defense Waste Form program
4. At Allied Tube and Conduit, I was responsible for research and development in the areas of metallurgical tube forming, low frequency electric resistance welding, chemical cleaning of steel, high speed in-line galvanizing, surface treating, and coating of electrical conduit, fence posts, and specialty tubing. I was also responsible for the Quality Control Department and the Process Control Laboratory.
5. At Allegheny Ludlum Steel Company, I determined the level of columbium and vanadium stabilizers required to avoid sensitization of ferritic stainless steels. I developed intergranular sensitization tests for low chromium ferritic stainless steels. I used electrochemical and electron-optical techniques, including scanning electron microscopy, auger, and transmission electron microscopy techniques for failure analyses. I used sensitive analytical techniques to determine carbon, nitrogen, columbium, and titanium contents of stainless steel. I provided customer service by recommending specific grades of stainless steel for corrosive applications.