



CHAIRMAN

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

PDR

October 30, 1989

Ms. Kelly Cunningham  
National Society of Professional Engineers  
1420 King Street  
Alexandria, VA 22314

Dear Ms. Cunningham:

I am pleased to nominate Robert J. Bosnak as the Nuclear Regulatory Commission's candidate for the Federal Engineer of the Year Award. Mr. Bosnak has an outstanding record of accomplishment in research and standards development. His engineering achievements and activities make him truly deserving of this award.

Sincerely,

*Kenneth M. Carr*  
Kenneth M. Carr

Enclosures

8911080223 691030  
PDR COMMS NRCC  
CORRESPONDENCE PNU

*DF02*  
*11*

**NAME OF SUBMITTING AGENCY**

U.S. NUCLEAR REGULATORY  
COMMISSION

NOMINATOR: KENNETH M. CARR PHONE NUMBER: 492-1759  
TITLE: CHAIRMAN, NRC DATE: 10/30/89

Please return the original and THREE copies to: Kelly Cunningham, NSPE, 1420 King Street, Alexandria, Virginia 22314 no later than November 1, 1989.



**NATIONAL  
ENGINEERS  
WEEK**

Feb. 18-24, 1990

**The Federal Engineer of the Year Awards  
Program is an Engineers Week activity  
sponsored by the National Society of  
Professional Engineers.**

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This section to be removed by NSPE prior to judging:

Please PRINT or TYPE name exactly as you wish it to appear on plaque.

NAME OF CANDIDATE: ROBERT J. BOSNAK

HOME ADDRESS: 8226 STONETRAIL DRIVE

BETHESDA, MD 20817

NSPE AFFILIATION (if applicable): State N/A Chapter \_\_\_\_\_

POINT OF CONTACT: DUANE A. POTTER  
OFFICE OF PERSONNEL  
492-8930

**NAME OF SUBMITTING AGENCY**

U.S. NUCLEAR REGULATORY  
COMMISSION

**PROFESSIONAL/TECHNICAL SOCIETY ACTIVITIES**

a) Membership In: 1. AMERICAN SOCIETY OF MECHANICAL ENGINEERS

2. AMERICAN SOCIETY OF NAVAL ENGINEERS

3. SOCIETY OF NAVAL ARCHITECTS AND MARINE ENGINEERS

4. AMERICAN WELDING SOCIETY

b) Offices Held and/or Committee Assignments: *(Give office or committee, responsibility, dates.)*

1. ASME - BOILER AND PRESSURE VESSEL CODE MAIN COMMITTEE - CURRENT

2. ASME - CODES/STANDARDS RESEARCH PLANNING - CURRENT

3. ASME - COUNCIL ON CODES AND STANDARDS - SINCE 1975

4. ASME - SECTION III OF THE BOILER AND PRESSURE VESSEL COMMITTEE - CURRENT

**AWARDS AND HONORS** 5. ASME - EXECUTIVE COMMITTEE OF THE BOILER AND PRESSURE VESSEL COMMITTEE - CURRENT

*(Give title and date.)*

6. ASME - BOARD ON RESEARCH AND TECHNOLOGY DEVELOPMENT - CURRENT

NOMINATED FOR PRESIDENTIAL MERITORIOUS RANK AWARD 1989

NRC - MERITORIOUS SERVICE AWARD - 1987

SES - PERFORMANCE AWARDS - 1987, 1988, 1989

ASME - LANGER NUCLEAR CODES AND STANDARDS AWARD - 1982

ASME CODES AND STANDARDS CENTENNIAL MEDAL - 1980

ASME - ELECTED FELLOW - 1986

**CIVIC AND HUMANITARIAN ACTIVITIES**

Please list name of organization, offices held, and brief summary of activities:

COMMUNITY CIVIC ASSOCIATION - ACTIVE PARTICIPATION IN CARDEROCK CIVIC ASSOCIATION

SINCE 1968. THIS ORGANIZATION STRIVES TO SAFEGUARD THE COMMUNITY AGAINST THE

EFFECTS OF TRAFFIC CONGESTION NEAR HIGHWAY CONSTRUCTION AND SEEKS TO INCREASE

LOCAL AWARENESS OF ACTIVITIES THAT AFFECT THE ENVIRONMENT.

**ENGINEERING ACHIEVEMENTS**

Statement of 200 words or less (one page double-spaced) supporting candidate's nomination. Facts presented should include engineering achievements in design, research, development or management during the last three years. To insure anonymity in the judging process, please do not mention candidate's name in the statement. *(Please attach separate sheet.)*

## STATEMENT OF ENGINEERING ACHIEVEMENT

This candidate has an outstanding record of accomplishments in research and standards development. Recent accomplishments include: publication of the Regulation on Decommissioning; publication of NRC's Regulatory Guide related to reactor vessel embrittlement; resolution of Generic Issue B-5, Buckling of Steel Containments; completion of research that validated proposed corrections for intergranular stress corrosion cracking in boiling water reactor piping; and successful completion of research that included testing of a reinforced concrete reactor containment structure.

As a member of the ASME Codes and Standards program, he marshalled the efforts of hundreds of outstanding technical experts to resolve major technical issues related to the design, construction, and inspection of nuclear facilities. By doing so, he obtained an outstanding technical product suitable for incorporation into NRC's regulations and allowed the agency to minimize confrontation and contention with designers, builders, and operators of nuclear facilities.

The candidate is also the official agency representative on several American Society of Mechanical Engineers (ASME) high-level codes and standards committees, and in this role, ensures that safety issues of importance to the agency and the public are appropriately addressed. His success in these endeavors is evidenced by the fact that Section III and XI of the ASME Code (dealing with inservice inspection) are incorporated into NRC's regulations and their use is mandatory for all licensed nuclear power plants in this country and in many foreign countries as well.