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

December 4, 1990

CHAIRMAN

Dr. Eugene DeLoatch
Black Engineer of the Year Selection Committee
729 E. Pratt Street
Suite 504
Baltimore, Maryland 21202

Dear Dr. DeLoatch:

I am pleased to nominate Lawrence G. Bell, Technical Analyst in the U.S. Nuclear Regulatory Commission's (NRC) Office for Analysis and Evaluation of Operational Data, for the 1991 Black Engineer of the Year Award sponsored by the Council of Engineering Deans of the Historically Black Colleges and Universities. This nomination is submitted for the category of Professional Achievement. Mr. Bell has compiled a record of solid achievement in engineering and service, and his background exemplifies the role model our organization seeks to honor.

Mr. Bell achieved his position at the Nuclear Regulatory Commission through hard work and determination. The oldest of five children, he joined the U.S. Navy and obtained the means to pursue a college education. During his Navy career he served on a destroyer in the blockade of Cuba during the missile crisis, and later took on the responsibility of directing the maintenance of vital systems on a nuclear-powered ballistic missile submarine. That experience and his aptitude enabled him to pursue his goal of a technical college education at Savannah State College, where he received his B.S. degree in Electronic Technology cum laude in 1970 through work/study and the GI Bill. In that same year he joined the Atomic Energy Commission (AEC), which in 1975 became the Nuclear Regulatory Commission.

Mr. Bell was one of the first black engineers in the AEC's Idaho Operations Office. His first assignment was at the National Engineering Test Site in the desert outside of Idaho Falls, Idaho. He developed expertise in the safe handling of radioactive waste and was transferred to Headquarters in 1972 to contribute to the AEC's first systematic compilation of radioactive effluents from commercial nuclear power plants. He became an agency expert in the computer codes used to estimate offsite releases and contributed to the licensing of new commercial power reactors. When the accident occurred at the

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Three Mile Island (TMI) nuclear plant, Mr. Bell was immediately reassigned to the site because of his unique technical skills. He made significant contributions to the high priority TMI cleanup. As the cleanup moved toward satisfactory completion, Mr. Bell was selected to join the staff of the newly formed Office for Analysis and Evaluation of Operational Data as part of our team to feed back nuclear operating experience to the other U.S. nuclear plants in order to avoid similar accidents.

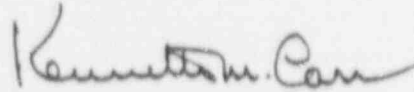
In this assignment, Mr. Bell became expert on inadvertent reactor shutdowns (known in the industry as "scrams"). Both the NRC and the industry place a very high priority on reducing the frequency of these events in order to enhance safety and reliability of nuclear power plants. Through his analysis and feedback of operational data, he made significant contributions to our understanding of the causes of these events and became a nationally recognized expert in this area. His presentations at technical conventions, such as the American Nuclear Society's 1989 Annual Meeting, are testimony to his recognition and dedication. During his career with the NRC, Mr. Bell has added to his educational credentials, earning a B.S. in Engineering from Catholic University in 1978. Mr. Bell's demonstrated achievements and continuing efforts to inspire technical excellence among his peers merit his nomination in the category of professional achievement.

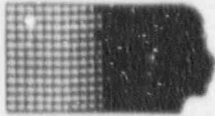
Mr. Bell's community service and commitment to his family are noteworthy. For the last four years, he has participated as an NRC representative in a county government program (NRC School Volunteers Program) as a mentor and role model to motivate students toward careers in engineering and science. Mr. Bell is active in his religious community. He has served as vice president on his church's parish council and has worked to help establish a soup kitchen to provide meals for the needy in Gaithersburg, Maryland. In addition, he served on the school board of the church and as the voluntary director of the school's athletic program. He is now progressing toward ordination as a Deacon in the Catholic Church. This latter achievement is most characteristic of Mr. Bell, as the defined role of the Deacon is to serve the needy in the community. He and his wife Carolyn are raising six children, three of whom were adopted in 1984. His deep appreciation of the benefits of education are evident in the educational pursuits of his family members. His oldest daughter is preparing at Hampton University for a career in law. His second daughter is pursuing pre-medical studies at Mount St. Mary's College.

I believe that Mr. Bell's achievements and character merit my highest recommendation for this award. The benefit to our country from his twenty years of contributions, along with the

inspiration that he provides to our community, reflect his leadership in science and public service. It is my sincere hope that he is awarded the 1991 Black Engineer of the Year Award.

Sincerely,


Kenneth M. Carr



Black Engineer of the Year NOMINATION APPLICATION

*Recognizing and rewarding America's successful Black engineers,
scientists, and technology leaders.*

BLACK ENGINEER OF THE YEAR AWARD CLASSIFICATIONS

Black Engineer of the Year * Outstanding Technical Contribution * Affirmative Action * Promotion of Higher Education * Entrepreneur * Community Service * Student Leadership * Most Promising Engineer (less than 5 years professional experience) * Professional Achievement (more than 5 years professional experience)

BLACK ENGINEER OF THE YEAR NOMINEE PROFILE

To The Selection Committee, I, Kenneth M. Carr
hereby nominate Lawrence G. Bell
for the award classification of Professional Achievement

I affirm that the statements in this nomination application are correct to the best of my knowledge and I understand that all decisions of the Selection Committee are final.

I am personally acquainted with the Nominee. I hereby endorse his/her nomination. Sponsor (signature & address):

D. Jordan for Edward L. Jordan, Director
Office for Analysis and Evaluation
of Operational Data, USNRC, Washington, D.C. 20555

Nominee's Name Lawrence G. Bell Home Phone (301) 975-9713
Home Address 5 Falconbridge Court
City, State, Zip Gaithersburg, MD 20868
Birth Date 2/18/44 Marital Status Married Spouse's Name Carolyn W. Bell
Last College Attended The Catholic University Degree B.S. Engineering
Engineering Field Nuclear Registered P.E.? Yes No
Company Name U.S. Nuclear Regulatory Commission Title Trend & Patterns Technical Analyst
Business Address U.S. Nuclear Regulatory Commission
City, State, Zip Washington, D.C. 20555 Bus. Phone (301) 492-8968
Principal Job Function Engineering Years of Professional Experience 20

Organizations to which Nominee belongs Previous membership Baltimore Washington Health Physics Society and National Chapter Member of Health Physics Society

Why should Nominee be considered for this award? Please include a resume and curriculum vitae, organization personnel chart, papers and articles by and about the nominee, a full job description, letters of recommendation, a recent color photograph, and other supporting materials.

See Attached

PLEASE FILL OUT THIS FORM AND RETURN BY DECEMBER 1 TO:
Black Engineer of the Year Selection Committee
729 East Pratt Street • Suite 504 • Baltimore, Maryland 21202

ATTACHMENTS