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NUCLEAR REGULATORY COMMISSION ESTABLISHES D ISTINGUISHED ENGINEERS AND SCIENTISTS PROGRAM

The Nuclear Regulatory Commission has established a Distinguished Engineers and Scientists Program to acquire the services of highly specialized professionals to advise the Commission in its mission of protecting the public health and safety and the environment.

Candidates for the program must be nationally recognized for leadership and scientific knowledge in their fields. The NRC is currently conducting a search for three Distinguished Engineers and Scientists.

As a nationally recognized authority, the candidate must--

a) have a reputation as a recruiting attraction for others who seek opportunities to observe or work under their guidance;

b) be sought as an advisor and consultant on programs and problems beyond his or her own field;

c) have significant honors and awards in recognition for past accomplishments;

d) be frequently invited as a speaker or guest lecturer at national and international symposia and professional meetings; and

e) be frequently cited for his or her professional opinions and/or regulatory contributions.

Candidates selected for the program will be appointed for a two-year term and assigned to a line organization, either as a consultant or as part of a project group. Salary for the position will be within the range of $l04,000 to $l12,100 per year.

The NRC is searching for candidates to fill the following positions:

1) Distinguished Engineer for Advanced Instrumentation and Control Systems would review, evaluate and provide advice and recommendations to the NRC Commissioners and management and staff of the Office of Nuclear Reactor Regulation (NRR) primarily on computer science/computer engineering of advanced instrumentation, control and information systems needed for safe operation and safe shutdown of nuclear facilities licensed by the NRC; provide oversight for the technical bases in the development of policy, criteria, standards, requirements and plans for the design, testing, construction and operation of computer-based I&C systems at nuclear facilities; provide technical expertise and perform both independent and project group studies and analyses of technical issues in the computer science area.

2) Distinguished Seismic Engineer/Scientist for Geo-Sciences would provide advice in seismology/seismic engineering and other earth science-related areas to the Offices of Nuclear Regulatory Research and NRR in resolving public health and safety issues related to siting and seismic design of nuclear power plants and waste repositories; define the parameters of a problem; identify the logistical support needed, the end product desired, and the time needed based on the scope and complexity of a problem; and identify the preliminary barriers to achieving a solution. A major duty would be to develop a technical consensus on the subject with inside and outside groups.

3) Distinguished Nuclear Process Engineer-Criticality would review, evaluate and provide advice and recommendations to the Commission and senior management of the Offices of Nuclear Material Safety and Safeguards and Regulatory Research. Advice will be applied to regulating uranium enrichment, nuclear fuel fabrication, irradiated fuel handling or storage and fuel transportation. This engineer would be responsible for proposing agency policy, regulation and regulatory guide development in the area of criticality safety.

Applications submitted for these positions will be reviewed by an NRC Executive Resources Board that will conduct interviews and make recommendations to the NRC's Executive Director for Operations, who will make the final selections.

Individuals interested in obtaining and submitting an application for the NRC Distinguished Engineers and Scientists Program should contact Kris O'Donnell, Office of Personnel, at 1-800-368-5642, extension 24684. The deadline for submitting an application is June 12, 1992.

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