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**Department of Energy**  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

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DNF SAFETY BOARD

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MAR 13 1998

The Honorable John T. Conway  
Chairman  
Defense Nuclear Facilities Safety Board  
625 Indiana Avenue, N.W., Suite 700  
Washington, D.C. 20004

Dear Mr. Chairman:

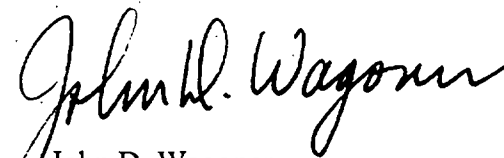
**NOTIFICATION REGARDING U.S. DEPARTMENT OF ENERGY, RICHLAND OPERATIONS OFFICE (RL) SENIOR POINT-OF-CONTACT TO THE DEFENSE NUCLEAR FACILITIES SAFETY BOARD (DNFSB)**

This is to inform you that Shivaji (Shiv) Seth has been appointed as the RL Senior Point-of-Contact to the DNFSB on a collateral duty basis (see enclosed biographical sketch). His permanent position is Senior Technical Nuclear Safety Advisor to the Office of the Assistant Manager for Facility Transition. As RL's Senior Point-of-Contact, Dr. Seth will provide effective cross-organizational leadership in resolving DNFSB-related issues, and advise the Site Management Board and me on DNFSB issues and activities. DNFSB members and staff, including Hanford Site Representatives, are encouraged to involve Dr. Seth, as appropriate, in their communications and discussions related to RL's defense nuclear facilities. He may be reached by telephone on (509) 376-8129.

Furthermore, Allison Wright has replaced Sandy Trine in the Office of Environment, Safety and Health for the day-to-day interfaces with the DNFSB, RL, and Site Contractors' staff to ensure DNFSB access to facilities and information.

Dr. Seth and Ms. Wright, who assumed their new roles effective February 15, 1998, will work jointly in supporting and strengthening our relationships with the DNFSB. The RL Liaison Office telephone number, (509) 376-1890, remains unchanged.

Sincerely,

  
John D. Wagoner  
Manager

PAD:SLT

Enclosure

cc w/encl:  
see page 2.

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## Shivaji S. (Shiv) Seth

### Areas of Expertise

Nuclear Safety; reliability and risk analysis; design and analysis of nuclear systems; nuclear criticality; radiation protection; development and implementation of safety standards.

### Education

Sc. D. (1970) and S. M. (1967), Nuclear Engineering, Massachusetts Institute of Technology, Cambridge, MA  
Associateship in Nuclear Physics, Saha Institute of Nuclear Physics, Calcutta, India  
M. Sc. (1964) and B. Sc. (1962), Physics, Institute of Science, Nagpur, India

### Work Experience

Dr. Seth is Senior Technical Advisor for Nuclear Safety at the Department of Energy's Hanford site, where he is currently focusing on the safety of nuclear facilities being deactivated and transitioned towards decommissioning. He also serves as Hanford's Senior Liaison to the Defense Nuclear Facilities Safety Board (DNFSB). Prior to joining DOE in December 1996, he was at The MITRE Corporation for about twelve years. There Dr. Seth contributed significantly in the area of nuclear safety as the principal investigator and program manager responsible for guiding and managing numerous studies in support of the DNFSB, and the U.S. Nuclear Regulatory Commission (USNRC).

For the DNFSB, Dr. Seth conducted the review and evaluation of safety standards at various defense nuclear facilities; performed comparative assessments of safety requirements for commercial and defense nuclear facilities; led team investigations of safety requirements at several defense nuclear sites; and developed an integrated safety management systems approach and standards review guides in various safety functional areas, such as safety analysis, fire protection, and personnel training. For the USNRC, he was responsible for developing regulatory requirements and guidance as part of several major initiatives, which included the rulemaking for renewal of nuclear power plant operating licenses; use of safety-critical software in nuclear power plants; analysis of plant transients caused by balance-of-plant problems; and development of guidelines for performing regulatory analyses.

Dr. Seth has considerable experience in the area of probabilistic risk assessments (PRAs). While at MITRE, he was also responsible for safety review and probabilistic risk analysis efforts for the U.S. Army's Chemical Weapons Stockpile Disposal Program. He also developed a handbook for conducting failure modes and effects analysis for the National Aeronautics and Space Administration (NASA), and a methodology for reviewing operational and maintenance data used in PRAs sponsored by the Swiss Federal Nuclear Safety Inspectorate.

During the period 1983 - 1985, Dr. Seth served as Senior Fellow to the USNRC's Advisory Committee on Reactor Safeguards (ACRS). He provided consultations and recommendations to the ACRS on safety reviews of nuclear power plants, and on a wide range of safety and regulatory issues, including seismic risk criteria and the use of PRAs in evaluating safety goals and severe accident policies.

Dr. Seth was at the General Atomic Company from 1978 to 1983. He was responsible for technical work on core design and fuel cycle optimization for two major high-temperature gas-cooled reactor projects. Later, he performed safety, reliability and risk analyses for nuclear plants, radioactive waste storage, and other industrial facilities.

Previously, from 1970 to 1978, Dr. Seth was responsible for the planning and analysis of critical experiments in support of physics and safety investigations of fast and thermal reactor cores at the Swiss Federal Institute for Reactor Research. There he was also licensed to supervise reactor operations and a mixed-oxide nuclear fuel handling facility. As a graduate research assistant at the MIT Reactor, from 1965 to 1970, Dr. Seth performed experimental and theoretical studies of heavy-water moderated enriched-uranium reactor lattices.

Dr. Seth has over seventy-five technical publications, including papers in peer-reviewed journals and conferences.