

APPENDIX D. PRINCIPAL CONTRIBUTORS

<u>Name</u>	<u>Area of Responsibility</u>
Mohammed Abid	Project Management
Stephen Alexander	Quality Assurance
Don Allen	Project Management
Dennis Andrukat	Air Impact Assessment, Fire Protection
Todd Angel	Project Management
Hansraj Ashar	Project Management
Joseph Ashcraft	Instrumentation and Control
Nima Ashkeboussi	Technical Specifications
Sabrina Atack	Quality Assurance
Anthony Attard	Nuclear Design, Thermal Hydraulics
Goutam Bagchi	Civil and Structural Engineering
Martha Barillas	Project Management
Daniel Barss	Emergency Preparedness
Sudhamay Basu	Advanced Reactor Research
Bruce Bavol	Project Management
Royce Beacom	Instrumentation and Control
Gurjendra Bedi	Component Performance Testing
Ilka Berrios	Project Management
David Bessette	Thermal Hydraulics
Andrew Bielen	Reactor Systems
Alysia Bone	Probabilistic Risk Assessment
James P. Bongarra	Human Factors
Christopher Boyd	Thermal Hydraulics
John Budzynski	Reactor Systems
Mark Caruso	Probabilistic Risk Assessment, Regulatory Treatment Of Non-Safety Systems, Aircraft Impact Assessment

<u>Name</u>	<u>Area of Responsibility</u>
Samir Chakrabarti	Structural Engineering
Manas Chakravorty	Structural Engineering
Pei-Ying Chen	Engineering Mechanics
Thomas Cheng	Structural Engineering
Matthew Chiramal	Instrumentation and Control
Om Chopra	Electrical Engineering
Tze-Jer Chuang	Structural Engineering, Aircraft Impact Assessment
G. R. Cicotte	Health Physics, Dose Consequences
Robert Clark	Technical Specifications
Paul Clifford	Fuel Assembly Design, Control Rod Design, Control Rod Drive System
Manny Comar	Project Management
Milton Concepcion	Instrumentation and Control
Kimberley Corp	Instrumentation and Control
Zahira Cruz Perez	Project Management
Amy E. Cubbage	Project Management
Gordon Curran Jr.	Reactor Systems
Robert Davis	Materials Engineering
Jean-Claude Dehmel, CHP	Health Physics
Yamir Diaz-Castillo	Reactor Systems, Chemical Engineering, Severe Accidents
Thinh Dinh	Fire Protection
Douglas Dodson	Plant Systems
Dayna Dority	Technical Specifications
Jaclyn Adamonis Dorn	Reactor Systems
Steven T. Downey II, Phd	Materials Engineering
Andrzej Drozd	Containment
Dr. Donald A. Dube	Probabilistic Risk Assessment
Assaf Dvir	Containment Systems
Eugene O. Eagle Jr.	Instrumentation and Control

<u>Name</u>	<u>Area of Responsibility</u>
Richard Emch	Severe Accidents
Hossein Esmaili	Thermal Hydraulics, Severe Accidents
Michael Eudy	Project Management
John Fair	Mechanical Engineering
Leslie Fields	Project Management
David Fischer	Mechanical Engineering
Edwin Forrest	Containment and Ventilation
Rocky D. Foster	Project Management
Thomas Fredette	Instrumentation and Control
Edward Fuller	Probabilistic Risk Assessment, Severe Accidents
Dennis Galvin	Project Management
James Gaslevic	Civil and Structural Engineering
Mirela Gavrilas	Code Development
James George	Geology and Seismology
George Georgiev	Materials Engineering
Nikki Gilanshahi	Structural Engineering
Amritpal Gill	Electrical Engineering
James M. Gilmer	Thermal Hydraulics, Nuclear Design, Criticality, Reactor Systems, Computer Code Methods Qualification
Raj Goel	Containment Systems
Ravinder Grover	Technical Specifications
Jin-Sien Guo	Plant Systems
Dr. Syed I. Haider	Control Room Habitability, Ventilation Systems, Containment Thermal Hydraulics
Charles Hammer	Mechanical Engineering
James Han	Thermal Hydraulics
C. Craig Harbuck	Technical Specifications, Regulatory Treatment Of Non-Safety Systems, Availability Controls
Leroy Hardin	Instrumentation and Control, Cyber Security
Charles Harris	Reactor Systems, Control Blade Review

<u>Name</u>	<u>Area of Responsibility</u>
Mark Hartzman	Mechanical Engineering
Brad Harvey	Meteorology
Peter C. Hearn	Technical Specifications
Jorge Hernandez	Plant Systems
Raul Hernandez-Figueroa	Plant Systems
Thomas Herrity	Mechanical Engineering, Quality Assurance, ITAAC
Todd Hilsmeier	Reliability Assurance Program
Charles Hinson	Health Physics
Keith Hoffman	Materials Engineering
John Honcharik	Component Integrity, Performance and Testing
Yi-Hsiung (Gene) Hsii	Reactor Systems
Kaihwa Hsu	Engineering Mechanics
Jason Huang	Engineering Mechanics
John Huang	Inservice Testing of Pumps and Valves
Tai Huang	Reactor Safety Systems
Nathanael Hudson	Reactor Systems
Naeem Iqbal	Fire Protection
Rahsean Jackson	Civil and Structural Engineering
Bhagwat Jain	Structural Engineering
Mahmoud M. Jardaneh	Structural Engineering
David Jeng	Civil and Structural Engineering
Walton Jensen	Reactor Systems
Andrea Johnson	Project Management
Don Johnson	Emergency Planning
Steven R. Jones	Plant Systems
Michael Junge	Human Factors
Kenneth Karwoski	Materials Engineering
Kerri Kavanagh	Quality Assurance

<u>Name</u>	<u>Area of Responsibility</u>
Glenn Kelly	Probabilistic Risk Assessment, Balance Of Plant
Thomas Kevern	Project Management
James Kim	Project Management
Edmund A. Kleeh	ITAAC
Thomas Koshy	Electrical Engineering
William J. Krotiuk	Thermal Hydraulics
John C. Lai	Probabilistic Risk Assessment
Ralph Landry	Thermal Hydraulics, Computer Codes
Tuan Le	Mechanical Engineering
Arnold Lee	Mechanical Engineering
Brian Lee	Containment and Ventilation
Eric Lee	Cyber Security
Jay Y. Lee	Design Basis Accidents, Severe Accident Dose Consequences
Aron Lewin	Reactor Inspection
Chang-Yang Li	Plant Systems
Hulbert Li	Instrumentation and Control
Yong Li	Geology and Seismology
Yueh-Li (Renee) Li	Mechanical Engineering
Mark Lintz	Conduct Of Operations
George Lipscomb	Quality Assurance
Lambros Lois	Reactor Systems
Shanlai Lu	Thermal Hydraulics
Gregory Makar	Materials Engineering
Tania Martinez-Navedo	Electrical Engineering
Edward McCann	Balance Of Plant
Matthew McConnell	Electrical Engineering
Joshua McGuire	Plant Systems
Richard McIntyre	Quality Assurance

<u>Name</u>	<u>Area of Responsibility</u>
Richard McNally	Mechanical Engineering
Eric Miller	Reactor Systems
David Misenhimer	Project Management
Mick Montague	Project Management
Michael Morgan	Initial Test Programs
George Morris	Electrical Engineering
Clifford Munson	Environmental
Bruce Musico	Emergency Preparedness
Ching Ng	Aging Management Of Reactor Systems
Allen Notafrancesco	Thermal Hydraulics, Containment Analysis
James O'Driscoll	Control Room Habitability, Ventilation Systems
Eric Oesterle	Project Management, ITAAC
Amar Pal	Electrical Engineering
Robert Palla	Probabilistic Risk Assessment, Severe Accidents
Mathew M. Panicker	Nuclear Fuels
Krzysztof Parczewski	Chemical Engineering
Benjamin T. Parks	Reactor Systems, Thermal Hydraulics
Daniel Pasquale	Quality Assurance and Vendor
Amrit Patel	Reactor Systems
Chandu Patel	Project Management
Nitin Patel	Project Management
Pravin Patel	Structural Engineering
Roger Pedersen	Health Physics
Richard Pelton	Operator Training, Organization
Shei-Jeng Peng	Containment and Ventilation
Leslie Perkins	Project Management
Paul Pieringer	Human Factors
William Poertner	Mechanical Engineering

<u>Name</u>	<u>Area of Responsibility</u>
Marie Pohida	Probabilistic Risk Assessment, Shutdown Risk
James Pulsipher	Containment Systems
Kevin Quinlan	Siting and Accident Consequences
Lauren Quinones-Navarro	Project Management
Robert Radlinski	Balance Of Plant
Jai Rajan	Mechanical Engineering
Janak Raval	Containment and Ventilation Systems
Neil Ray	Materials Engineering
Muhammad M. Razzaque	Scaling and Test Program
Devender Reddy	Balance Of Plant
Sang Rhow	Aging Management Of Structures, Electrical, and Systems
Blake Rice	Containment Analysis
Aida Rivera-Varona	Quality Assurance
Lawrence Rossbach	Project Management
David E. Roth	Technical Specifications
Mohammad Sadollah	Project Management
Nicholas Saltos	Probabilistic Risk Assessment
Sujit Samaddar	Structural Engineering
Eduardo Sastre Fuente	Chemical Engineering
Thomas G. Scarbrough	Materials Engineering and Inservice Testing
Suzanne Schroer	Severe Accident Mitigation, Design Alternatives
Carl S. Schulten	Technical Specifications
Derek Scully	Technical Specifications
Kenneth See	Hydrology
Patrick Sekerak	Mechanical Engineering
Samina Shaikh	Advanced Reactors
Mohamed Shams	Structural Engineering
Abdul Sheikh	Aging Management Of Structures, Electrical, and Systems

<u>Name</u>	<u>Area of Responsibility</u>
Paul Shemanski	Equipment Qualification
David Shum	Balance Of Plant
Gursharan Singh	Instrumentation and Control
Terri Spicher	Engineering Mechanics
Joseph Staudenmeier	Thermal Hydraulics
James Steckel	Project Management
Timothy Steingass	Component Integrity, Performance and Testing
Katie Streit	Health Physics
Angelo Stubbs	Balance Of Plant
Edmund Sullivan	Materials Engineering
Tom Tai	Project Management
Frank Talbot	Initial Test Program, ITAAC
Seshagiri R. Tammara	Demography and Geography, External Hazards
Dinesh Taneja	Instrumentation and Control
Al Tardiff	Physical Security
George Tartal	Rulemaking
James Tatum	Plant Systems
Bret Tegeler	Structural Engineering
George Thomas	Reactor Systems
Edward Throm	Containment Systems
Theodore Tjader	Technical Specifications
Mark Tonacci	Project Management
Narinder Trehan	Electrical Engineering
John Tsao	Materials Engineering
Andrey Turilin	Reactor Projects
Anthony Ulses	Reactor Safety Systems
Christopher Van Wert	Reactor Systems
Robert Vettori	Fire Protection

<u>Name</u>	<u>Area of Responsibility</u>
Henry Wagage	Containment Analysis
Harold Walker	Containment and Ventilation Systems
Jacqwan Walker	Technical Specifications
Weidong Wang	Reactor Systems
Weijun Wang	Geotechnical Engineering
Michael Waterman	Instrumentation and Control
Joe Williams	Project Management
Shawn Williams	Project Management
Stephen E. Williams	Health Physics
Vince Williams	Physical Security
Jerry N. Wilson	Licensing and Rulemaking
Joshua Wilson	Balance Of Plant
Veronica Wilson	Reactor Systems, Thermal Hydraulics
See-Meng Wong	Probabilistic Risk Assessment
Yuken Wong	Dynamic Analysis and Testing
Cheng-Ih (John) Wu	Mechanical Engineering
Jim Xu	Civil and Structural Engineering, Probabilistic Risk Assessment, Mechanical Engineering
Dr. Peter Yarsky	Nuclear Design
Deanna Zhang	Instrumentation and Control
Jack Y. Zhao	Digital Instrumentation and Control
Adam Ziedonis	Reactor Systems

Contractors

Applied Research Laboratories

Argonne National Laboratory

Brookhaven National Laboratory

Energy Research, Inc.

Information Systems Laboratories

Oak Ridge National Laboratory

Pacific Northwest National Laboratories

Penn State University

Sandia National Laboratory

University Of Michigan

Technical Area

Mechanical Engineering

Dynamic Analysis and Testing, Mechanical Engineering

Human Factors, Civil and Structural Engineering, Mechanical Engineering, Thermal Hydraulics, Nuclear Design, Criticality, Reactor Systems

Project Management, Probabilistic Risk Assessment, Severe Accidents, Containment Analysis

Physical Security, Probabilistic Risk Assessment, Thermal Hydraulics, Nuclear Design, Criticality, Reactor Systems

Instrumentation and Control, Cyber Security, Health Physics, Thermal Hydraulics, Nuclear Design, Criticality, Reactor Systems

Reactor Systems

Mechanical Engineering

Structural Engineering, Severe Accidents, Thermal Hydraulics, Containment Analysis, Dose Consequences

Reactor Systems