Biographies of the Panelists for the Panel on Part 71/72 Interface

Earl Easton

Earl Easton is the Senior Level Advisor for Transportation in the Division of Spent Fuel Storage and Transportation. Since joining the NRC in 1982, Mr. Easton has undertaken progressively more challenging assignments that have spanned all major aspects of radioactive material transportation. Throughout his career, Mr. Easton has provided senior management with advice on the technical and policy aspects of licensing shipping containers, and on SFPO's rulemakings and risk studies on transportation safety. From 1992 through 1997, Mr. Easton served as the Section Chief, Transportation, and Storage Safety Section, where he was responsible for the planning, development and implementation of the Commission's policies and practices for the safe transportation and storage of radioactive materials. He also served as the lead NRC spokesperson at the International Atomic Energy Agency for revising international regulations for the safe transport of radioactive material, and is listed as a contributor to IAEA's Regulations for the Safe Transport of Radioactive Material (ST-1). He had the leading role in developing/ presenting an international seminar on transportation safety in Kiev, Ukraine under the Lisbon initiative (1995), and in the joint NRC/NEI workshop on LSA and SCO (1996).

Mr. Easton joined the Agency in 1982 as a Design Evaluation Engineer in the NMSS Division of Fuel Cycle Safety and Safeguards, where he was responsible for reviewing the safety of radioactive material transport packages. Prior to joining the NRC, Mr. Easton worked at the Department of Energy in the Synthetic Fuels Program, at the Department of the Interior, where he was a Water Treatment Engineer, and at the Federal Power Commission where he worked on licensing major energy projects such as the Cove Point LNG Plant and the Alaskan Natural Gas Pipeline. Mr. Easton received his B.S. in Chemical Engineering in May 1974 from the University of Maryland.

Adam Levin

Mr. Adam H. Levin is Director, Spent Fuel and Decommissioning for Exelon Nuclear. In his current position, Mr. Levin provides governance and oversight of spent fuel management and decommissioning for Exelon's fleet of seventeen operational and four retired commercial nuclear reactors in Illinois, Pennsylvania, and New Jersey. His responsibilities include the safe management of over 12,000 MTU of spent nuclear fuel and other special nuclear material, and the development of strategic initiatives to meet Exelon's long-term spent fuel management needs.

Mr. Levin also oversees development of decommissioning strategies and cost estimating for Exelon, providing the technical and financial guidance necessary to help Exelon meet its $12B decommissioning obligation. He has participated in numerous reactor decommissioning projects providing engineering, cost estimating, oversight and management, including Shippingport, Cintichem, Trojan, Rancho Seco, Yankee Rowe, Maine Yankee, and Connecticut Yankee.

Mr. Levin has over 30 years in the commercial nuclear industry. He received his M.S. in Nuclear Engineering and his B.S. in Physics from Rensselaer Polytechnic Institute. He has authored and contributed to more than a dozen papers and books, including the Decommissioning Handbook (1980), and is co-author of several software patents in the U.S., Canada and Europe.

Dr. Robert Einziger

Dr. Einziger is a Senior Materials Scientist in the Structural, Mechanics, and Materials Branch of the Spent Fuel Storage and Transportation Division. He is responsible for evaluation and guidance on fuels performance during storage and transportation. He is the author of ISG-22 and ISG-1 Rev 2 on damaged fuel. Currently he is the technical manager for the extended storage and transportation project. In addition, he has chaired or participated on a number of IAEA Consultancies.

Prior to joining the NRC, he was manager of the Materials Performance Department in the Chemical Technology Division at Argonne, and manager of the Materials Application Section at the Pacific Northwest National Laboratory. In these positions, he guided work in fracture and fatigue, actinide separations, waste form performance and spent fuel behavior. He managed hot cell facilities at both the ANL and PNNL. Dr. Einziger has worked on fuel and cladding issues related to spent fuel storage and transportation since 1979. His research interests are spent fuel oxidation, whole rod behavior and source term development. He is a Fellow of the ANS, and recipient of the ANS Mishma Award for contributions to nuclear fuels development.

Dr. Einziger has a B.S. in Physics from Georgia Tech and a Ph.D. in Solid-State Physics from Rensselaer.

James Connell

James Connell serves as Vice President of the Maine Yankee Atomic Power Company. He has worked in the nuclear industry for over 30 years. James holds a Master's degree in Computer Engineering from Rochester Institute of Technology. Since being at Maine Yankee, he has held various positions of increasing responsibility during operation, decommissioning, and as a standalone ISFSI. James is very active in various industry groups during with fuel storage.

Andrew Barto

Mr. Barto received a BS in Nuclear Engineering from the University of Maryland in 1997. He spent 3 years as a criticality, shielding, thermal, and containment reviewer in the Package Certification Section of the NMSS Spent Fuel Project Office at NRC. For the last 11 years, Mr. Barto has served as a radiation shielding and criticality safety technical reviewer for both transportation and spent fuel dry storage systems in the Division of Spent Fuel Storage and

Transportation at NRC. He is currently leading the effort within SFST to revise Interim Staff Guidance 8 on PWR fuel burnup credit in spent fuel storage and transportation.

Prakash Narayanan

Prakash Narayanan currently works as a Nuclear Analysis Manager at Transnuclear Inc (TN), An AREVA Company. He currently works on Criticality, Source Terms, Shielding, and Dose Assessments for TN Dry Storage and Transportation Systems. Mr. Narayanan has been with TN since August 2001 and prior to joining TN, worked for Combustion Engineering for two years primarily on Spent Fuel Pool Criticality. Prakash holds a Masters' degree in Nuclear Engineering from North Carolina State University.