

아래 論文目錄은 지난 6 월 16일부터 19일까지 美國 네바다州 레노市에서 개최된 美國原子力學會(ANS) 夏季大會에서 발표된 것들입니다. 資料를 必要로 하는 분은 當會議 企劃室로 연락주시기 바랍니다.

## 1986 ANS ANNUAL MEETING

*June 15~19, 1986 Reno, Nevada*

### ALTERNATIVE ENERGY TECHNOLOGIES AND SYSTEMS

- Operating Experience with Commercialized solar and Wind Technologies for Electricity Generation

### EDUCATION

- The Status and Problems of the Class of 1990: A challenge for the next decade and beyond
- Innovations in Nuclear Engineering Education and Training

### ENVIRONMENTAL SCIENCES

- Management of Mixed Radioactive and Hazardous wastes
- Decommissioning Nuclear Facilities

### FUEL CYCLE AND WASTE MANAGEMENT

- Public Perception of Waste Management Risk
- Selected Topics in Fuel Cycle and Waste Management
- Low Level Waste Management
- Fuel Consolidation, Reconstitution, and Repair
- Spent Fuel Packaging, Handling and Transportation
- High-Level and Transuranic Waste Management
- Disposal of Hanford Defence Waste

- Use of personal Computers in Fuel Cycle Management
- Education, Training, and Manpower for the Nuclear Fuel Cycle

### FUSION ENERGY

- Fusion Nucleonics Experimental Programs
- Blanket Design and Evaluation
- The Compact Ignition Tokamak Program
- Inertial Confinement Fusion Driver Technology
- Fusion Materials: Radiation Effects and Activation
- Impurity Control
- Fusion Reactor Design-I
- Fusion Reactor Design-II
- Liquid-Metal Blankets and Magnetohydrodynamics Effects
- Innovative Concepts/Fusion Power Conversion
- Lithium Blanket Module Program at the LOTUS Neutron Source Facility
- Fusion Materials: Properties and Behavior
- Plasma Heating and System Dynamics
- Nuclear Technology Experiments and Facilities
- Environment and Safety
- Inertial Confinement Fusion Target and Reaction Chamber Technology
- Fusion Applications
- Tritium Technology

- Machine Upgrades and Next-Generation Devices
- Heavy-Ion Fusion Systems Assessment
- Fusion Nucleonics
- Magnet Engineering
- Fusion Economics
- Solid Breeder Blankets

### **HUMAN FACTORS**

- Human Factors Tutorial

### **ISOTOPES AND RADIATION**

- New Concepts in Processing and Waste Management
- Isotopes and Radiation: General
- Nuclear Applications of Laser Resonance Ionization Spectroscopy
- Equipment for Nuclear Material Processing in Glove Box Environments
- Research Reactors: The Past Revisited and the Future
- Charged-Particle Transport Calculations: Method and Approaches-I
- Charged-Particle Transport Calculations: Method and Approaches-II

### **MATHEMATICS AND COMPUTATION**

- Methods in Heat Transfer and Fluid Flow
- Engineering Software for Nuclear Applications on Micro-and Minicomputers
- Methods in Neutral-and Charged-Particle Transport
- Reactor physics Methods
- Computational Methods in Reactor Safety

### **NUCLEAR REACTOR SAFETY**

- Data and Analysis for Nuclear Criticality

### **Safety**

- TMI-2 Core Removal: Nuclear Criticality Safety Considerations-I
- TMI-2 Core Removal: Nuclear Criticality Safety Considerations-II

### **NUCLEAR CRITICALITY SAFETY**

- Safety Aspects of Life Extension
- LWR Transient Analysis-I
- LWR Transient Analysis-II
- General Development in Reactor Safety
- Liquid-Metal Reactor Safety Developments
- Probabilistic Safety and Reliability Analysis
- LWR Severe Accident Phenomena

### **POWER**

- Innovative Approaches to Solving Licensing Issues
- Training and Decision Analysis for Plant Modifications
- Public Acceptance and Radioactive Disposal
- Reactor and Plant Engineering-I
- Reactor and Plant Engineering-II
- Plant Standardization in the United States and Abroad
- New Tools for Managements and Quality Assurance

### **REACTOR OPERATIONS**

- Recent Experience in Nuclear Plant Non-destructive Examination-I
- Recent Experience in Nuclear Plant Non-destructive Examination-II
- Operational Perspectives of Steam Generator Transients
- Local Core Power Distributions: Monitoring and Control Issues