

**TRAVEL MANUAL**  
**August 9, 2001**

**ATTACHMENT E-5**

**PRIMARY TOPICS**

Advanced Automotive Propulsion Systems  
Agriculture  
Analytical and Separations Chemistry  
Arms Control and Verification Technology  
Astrophysics and Cosmology  
Atmospheric Physics  
Batteries  
Biological Chemical Effects  
Biological Radiation Effects  
Biological Thermal Effects  
Biomedical Sciences, Applied Studies  
Biomedical Sciences, Basic Studies  
Capacitor Banks  
Ceramics, Cermets, and Refractories  
Chemical  
Chemical Explosives  
Coal and Coal Products  
Combustion, Pyrolysis, and High-Temperature Chemistry  
Composite Materials  
Condensed Matter Physics  
Control Systems  
Design, Development, and Operation  
Direct Energy Conversion  
EHD Generators  
Electric Power Engineering  
Electronic Circuits and Devices  
Energy Conservation, Consumption, and Utilization  
Energy Planning and Policy  
Energy Storage  
Engineering  
Environmental – Social Aspects of Energy Technologies  
Environmental Sciences, Aquatic  
Environmental Sciences, Atmospheric  
Environmental Sciences, Terrestrial  
Explosion Detection  
Explosions and Explosives  
Facilities and Equipment  
Feed Processing  
Fluid Physics  
Flywheels  
Fuel Cells

## Primary Topics Continued

Fuel Elements  
Fuel Production and Property  
Fusion Energy  
Fusion Power Plant Technology  
General and Miscellaneous  
General Chemistry  
General Materials Sciences  
General Physics  
Geosciences  
Geothermal Energy  
Health and Safety  
High Energy Physics  
Hydro Energy  
Hydrogen Fuels  
Inorganic, Organic, and Physical Chemistry  
Instrumentation  
Isotope and Radiation Source Technology  
Isotopic Power Supplies  
Lasers  
Magnetic  
Materials Testing  
Mathematics and Computers  
Medicine  
Metals and Alloys  
MHD Generators  
Miscellaneous Converters  
Miscellaneous Instruments  
Natural Gas  
Non-Ionizing Radiation Sources  
Nuclear Explosives  
Nuclear Fuels  
Nuclear Physics  
Nuclear Power Plants  
Nuclear Radiation Sources  
Nuclear Reactor Technology  
Oil Shales and Tar Sands  
Organic Chemistry  
Other Synthetic and Natural Fuels  
Particle Accelerators  
Petroleum  
Physical Isotope Separation  
Plasma Research  
Plutonium and Isotope production reactors  
Pollution Control Equipment  
Power Reactors, Auxiliary, Mobile, Package, and Transportable  
Power Reactors, Breeding  
Power Reactors, Non-Breeding, Graphite Moderated

## Primary Topics Continued

Power Reactors, Non-Breeding, Light-Water Moderated, Boiling Water Cooled  
Power Reactors, Non-Breeding, Light-Water Moderated, Non-Boiling Water Cooled  
Power Reactors, Non-Breeding, Otherwise Moderated or Unmoderated  
Propulsion  
Radiation and Shielding Physics  
Radiation Chemistry  
Radiation Effects on Instruments Components, Instruments, or Electronic Systems  
Radiation Instrumentation  
Radiochemistry and Nuclear Chemistry  
Reactor Safety  
Research, Test, and Experimental Reactors  
Safeguards

### **Solar Energy**

Solar Energy Conservation  
Spent Fuels Reprocessing  
Superconductivity  
Thermal  
Thermionic Converters  
Thermoelectric Generators  
Tidal and Wave Power  
Underground Engineering  
Uranium Enrichment  
Wind Energy