

Appendix C

**Schedules of Safety Activities
in Participating Countries**

Table C.1. Schedule of Safety Improvement Activities in Armenia

Activity	CY 1993	CY 1994	CY 1995	CY 1996	CY 1997	CY 1998	CY 1999	CY 2000	CY 2001	CY 2002	CY 2003
	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Fire Safety Upgrades					In Progress						
Alternate Decay Heat Removal System					In Progress						
Auxiliary Feedwater System					In Progress						
Fast-Acting Main Steam Line Isolation Valves					In Progress						

■ Completed □ In Progress

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Table C.2. Schedule of Safety Improvement Activities in Ukraine

Activity	CY 1993	CY 1994	CY 1995	CY 1996	CY 1997	CY 1998	CY 1999	CY 2000	CY 2001	CY 2002	CY 2003
	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Management and Operational Safety	[Bar spanning FY 1993 to FY 2002]										
Emergency Operating Instructions	[Bar spanning FY 1993 to FY 1998]										
VVER-440/213 - Rivne: Technology Transfer	[Bar from FY 1993 to FY 1996, labeled Completed]										
VVER-1000 - Zaporizhzhya: Technology Transfer	[Bar from FY 1993 to FY 1996, labeled Completed]										
RBMK - Chornobyl: Technology Transfer	[Bar from FY 1994 to FY 1996, labeled Completed]										
RBMK - Chornobyl: Implementation	[Bar from FY 1997 to FY 1998, labeled In Progress]										
Enhanced Operational Controls: Technology Transfer	[Bar from FY 1993 to FY 1996, labeled Completed]										
Enhanced Operational Controls: Implementation	[Bar from FY 1995 to FY 1997, labeled Completed]										
Operator Exchange Visits	[Bar from FY 1994 to FY 1996, labeled Completed]										
Training	[Bar spanning FY 1993 to FY 2000]										
Mechanical Maintenance	[Bar from FY 1993 to FY 1994, labeled Completed]										
Control Room Operator (1)	[Bar from FY 1994 to FY 1995, labeled Completed]										
Turbine Operator	[Bar from FY 1995 to FY 1996, labeled Completed]										
Refueling Operator	[Bar from FY 1995 to FY 1997, labeled Completed]										
Control Room Operator (2)	[Bar from FY 1995 to FY 1996, labeled Completed]										
Radiation Protection Technician	[Bar from FY 1995 to FY 1996, labeled Completed]										
Control Room Operator (3)	[Bar from FY 1996 to FY 1997, labeled Completed]										
Chemical Operator	[Bar from FY 1996 to FY 1997, labeled Completed]										
Special Courses	[Bar from FY 1993 to FY 1997, labeled Completed]										
Chornobyl Control Room Operator	[Bar from FY 1997 to FY 2000, labeled In Progress]										
Chornobyl Radiation Protection Technician	[Bar from FY 1997 to FY 2000, labeled In Progress]										
Ukraine Training Technology Transfer	[Bar from FY 1997 to FY 2000, labeled In Progress]										
Simulators	[Bar spanning FY 1995 to FY 2000]										
Rivne Unit 3 Full-Scope Simulator	[Bar from FY 1997 to FY 2000, labeled In Progress]										
Khmelnysky Unit 1 Full-Scope Simulator	[Bar from FY 1995 to FY 1998, labeled Completed]										
South Ukraine Unit 1 Full-Scope Simulator	[Bar from FY 1997 to FY 2000, labeled In Progress]										
South Ukraine Unit 3 Full-Scope Simulator	[Bar from FY 1996 to FY 1999, labeled In Progress]										
Zaporizhzhya Unit 1 Full-Scope Simulator	[Bar from FY 1997 to FY 1999, labeled In Progress]										
Zaporizhzhya Unit 5 Full-Scope Simulator	[Bar from FY 1997 to FY 1999, labeled In Progress]										
Chornobyl Unit 3 Analytical Simulator	[Bar from FY 1996 to FY 1997, labeled Completed]										
Chornobyl Quality Assurance	[Bar from FY 1996 to FY 1997, labeled Completed]										
Ukraine Quality Assurance Program	[Bar from FY 1997 to FY 2000, labeled In Progress]										
Licensing Event Reporting and Analysis	[Bar from FY 1997 to FY 1999, labeled In Progress]										
Nondestructive Examination	[Bar from FY 1996 to FY 2001, labeled In Progress]										
Ukraine Reliability Database	[Bar from FY 1997 to FY 2002, labeled In Progress]										

■ Completed □ In Progress

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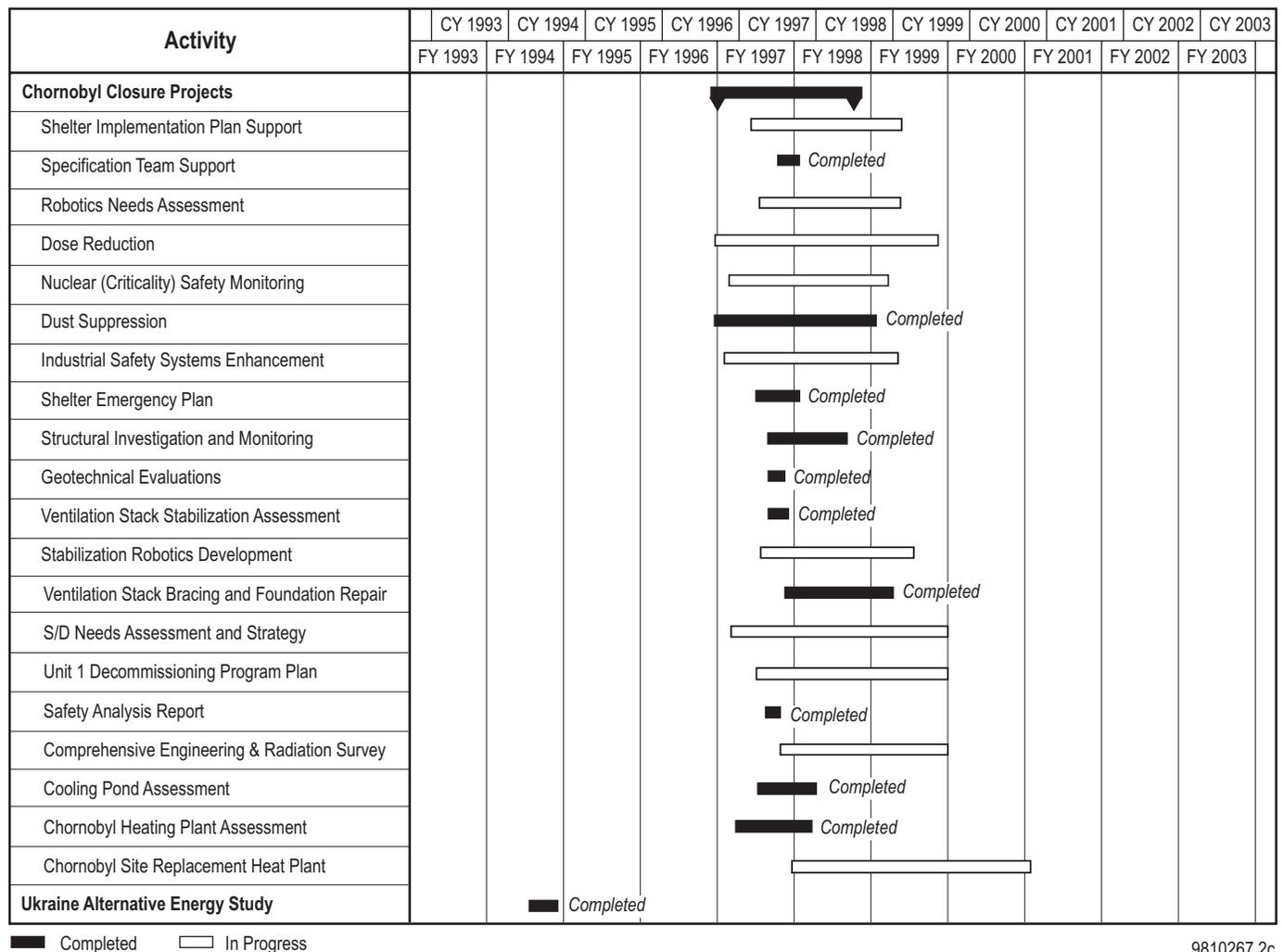
Table C.2. Schedule of Safety Improvement Activities in Ukraine (cont'd)

Activity	CY 1993	CY 1994	CY 1995	CY 1996	CY 1997	CY 1998	CY 1999	CY 2000	CY 2001	CY 2002
	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002
Engineering and Technology										
Fire Safety Upgrades										
Zaporizhzhya VVER Fire Safety Upgrades										
Chornobyl Unit 3 Fire Safety Upgrades										
Fire Hazards Evaluation Procedures and Training										
Plant-Specific Fire Hazard Evaluations and Upgrades										
Instrumentation and Controls Upgrades										
VVER Safety Parameter Display Systems										
Plant Safety Evaluations										
Upgrade of Codes and Analytical Tools										
Zaporizhzhya Unit 5 In-Depth Safety Assessment										
South Ukraine Unit 1 In-Depth Safety Assessment										
Rivne Unit 1 In-Depth Safety Assessment										
Khmelnyskyy Unit 1 In-Depth Safety Assessment										
Dry-Cask Storage for Zaporizhzhya										
Chornobyl Research Center										
Chornobyl Unit 3 Shelter Risk Analysis										
Modeling Assessments										
Robotics Needs Assessment										
R&D Management Training										
Satellite Communication System										
International Research Center Office Facilities										
Nuclear Data Analysis Capability										
Videoconferencing System										
Building Renovations for Chornobyl Center										
Ukraine Security Systems										

Completed
 In Progress

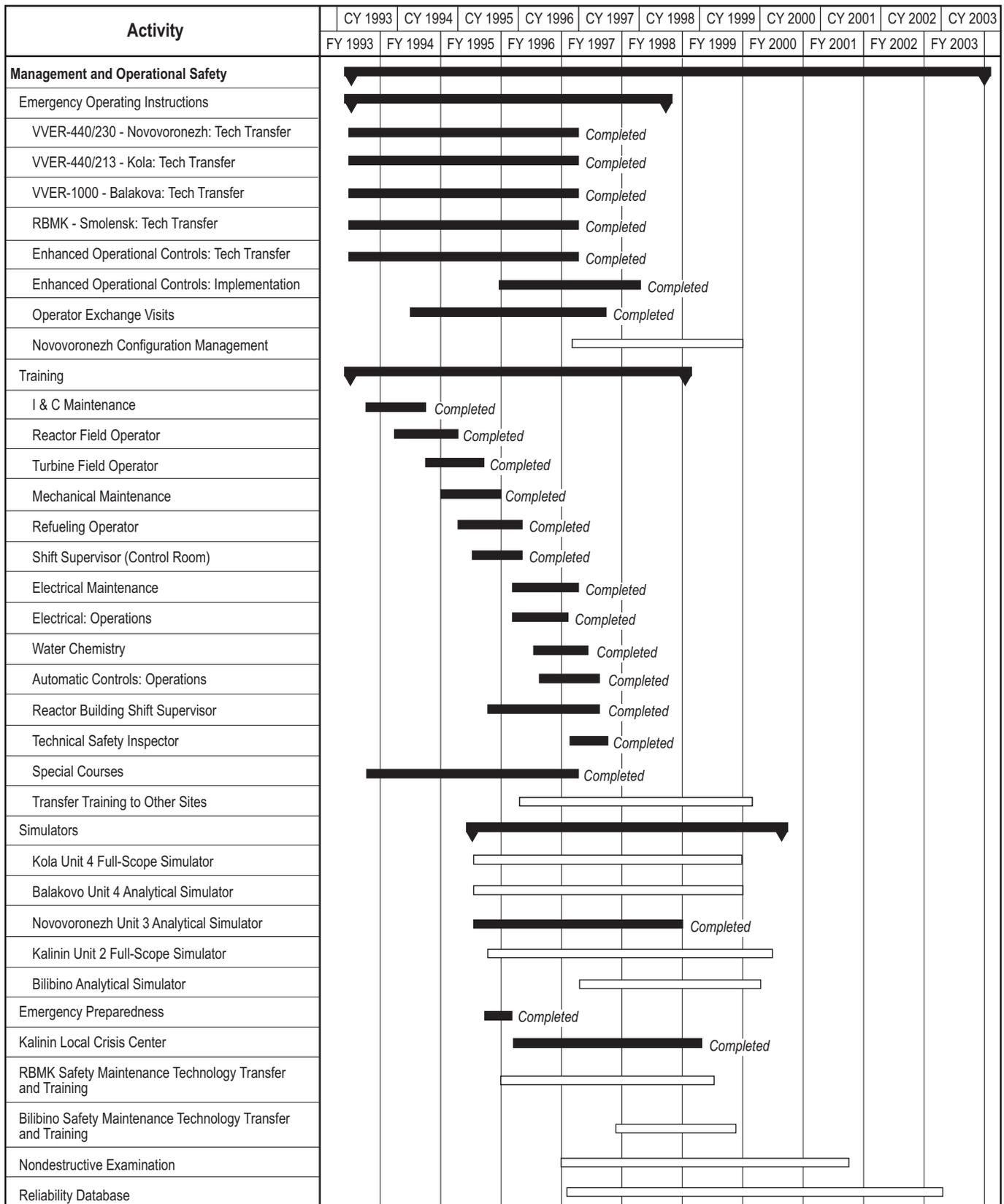
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Table C.2. Schedule of Safety Improvement Activities in Ukraine (cont'd)



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Table C.3. Schedule of Safety Improvement Activities in Russia



■ Completed □ In Progress

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Table C.3. Schedule of Safety Improvement Activities in Russia (cont'd)

Activity	CY 1993	CY 1994	CY 1995	CY 1996	CY 1997	CY 1998	CY 1999	CY 2000	CY 2001	CY 2002	CY 2003
	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Engineering and Technology	▼										
Fire Safety Upgrades	▼										
Smolensk RBMK Fire Safety Upgrades	▬										
Fire Hazards Evaluation Procedures and Training	▬ Completed										
Smolensk Safe-Shutdown Analysis	▬										
Leningrad Fire Detection System - Phase I	▬ Phase I Completed										
Leningrad Fire Detection System - Phase II	▬ Phase II										
Confinement Safety System Upgrades	▼										
Kola Confinement Leak-Tightness	▬ Completed										
Kola Confinement Isolation Valves	▬										
Valve Manufacturing Technology Transfer	▬ Completed										
Kola Post-Accident Radiation Monitors	▬ Completed										
Engineered Safety System Upgrades	▼										
Kola Reliable DC Power Supply	▬ Completed										
Novovoronezh Safety Parameter Display Systems	▬										
Novovoronezh Emergency Water Supply System	▬										
Kursk Reliable DC Power Supply	▬ Completed										
Kursk Safety Parameter Display System	▬ Completed										
Eight Additional Safety Parameter Display Systems	▬										
Kursk New Reactor Trip	▬										
Kursk Ultrasonic Test Equipment	▬										
Kursk High-Temperature Clothing	▬										
Kursk Emergency Water Supply System	▬ Completed										
Circuit Breakers for Russian Plants	▬										
Reliable DC Power Supply Technology Transfer	▬										
Plant Safety Evaluations	▼										
Upgrade of Codes and Analytical Tools	▬										
Leningrad RBMK Safety and Risk Assessment	▬										
Kola VVER Plant-Specific Safety and Risk Assessment	▬										
Novovoronezh VVER Safety and Risk Assessment	▬										
Leningrad Unit 2 Decommissioning Study Project	▬ Completed										
Nuclear Safety Regulatory and Institutional Framework	▼										
Workshop on International Liability	▬ Completed										
Alternative Energy Study	▬ Completed										

▬ Completed ▬ In Progress

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12-17-98

Table C.4. Schedule of Safety Improvement Activities in Bulgaria

Activity	CY 1993	CY 1994	CY 1995	CY 1996	CY 1997	CY 1998	CY 1999	CY 2000	CY 2001	CY 2002	CY 2003
	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Management & Operational Safety Practices	■ Completed										
Kozloduy Configuration Management Support			■ Completed								
Kozloduy Configuration Management Implementation					■ Completed						
Kozloduy Unit 5/6 Full-Scope Simulator					□ In Progress						
Kozloduy Training Center Support					□ In Progress						
Fire Fighting Equipment	■ Completed										
Diesel Generator	■ Completed		■ Completed								
Kozloduy Unit 5 Seismic Analysis					□ In Progress						
PIPE Analysis Software	■ Completed										
Kozloduy Plant Safety Analysis Capability			□ In Progress								

■ Completed □ In Progress

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12-17-98

Table C.5. Schedule of Safety Improvement Activities in the Czech Republic

Activity	CY 1993	CY 1994	CY 1995	CY 1996	CY 1997	CY 1998	CY 1999	CY 2000	CY 2001	CY 2002	CY 2003
	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Dukovany Plant-Specific Database	■ Completed										
Dukovany In-Depth Safety Assessment Phase I			■ Completed								
Dukovany In-Depth Safety Assessment Phase II					■ Completed						
MARS and MIDAS Code Transfers					■ Completed						
Dukovany Simplified Seismic Analysis					■ Completed						
Dukovany Risk Advisory System PWP					■ Completed						
Dukovany Simulator Data Collection and Analysis					□ In Progress						

■ Completed □ In Progress PWP = project work plan

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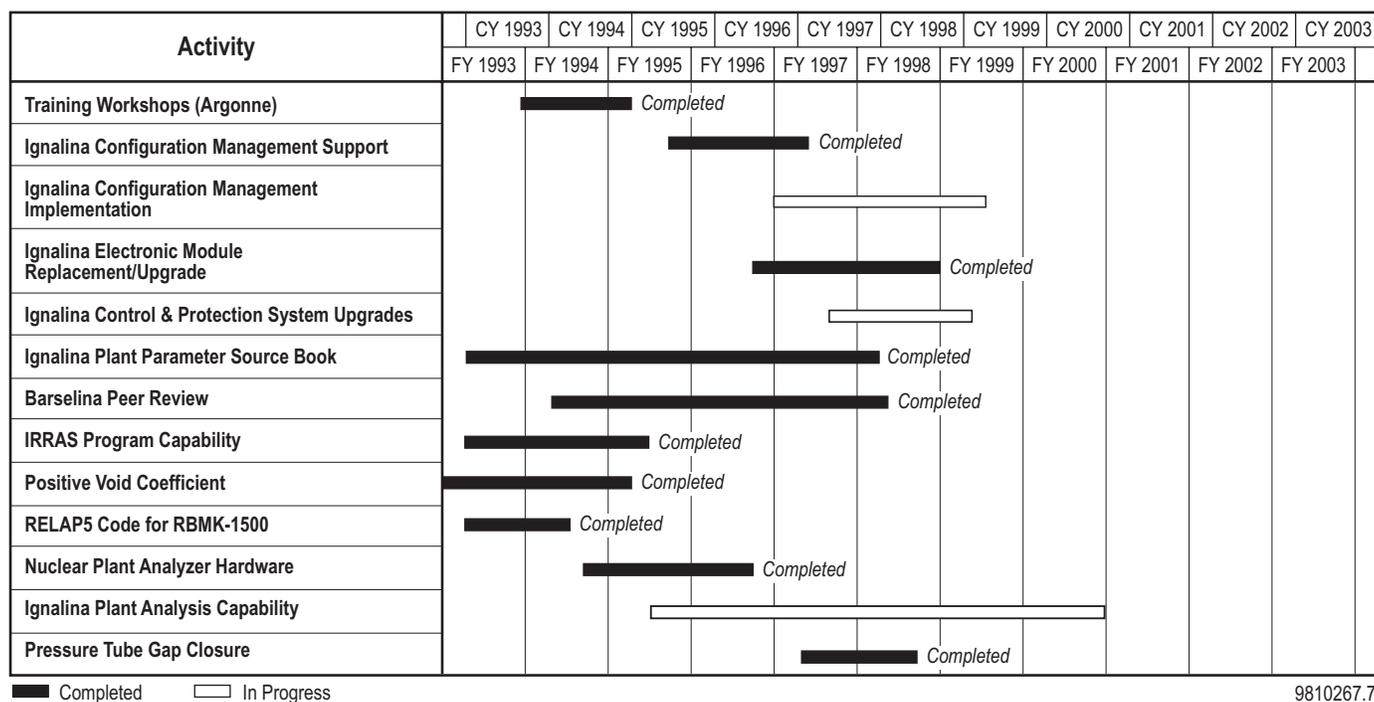
Table C.6. Schedule of Safety Improvement Activities in Hungary

Activity	CY 1993	CY 1994	CY 1995	CY 1996	CY 1997	CY 1998	CY 1999	CY 2000	CY 2001	CY 2002	CY 2003
	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003
Management Center Infrastructure Support			■ Completed								
Human Factors Training and Support					□ In Progress						
Accident Localization System Improvements	■ Completed		■ Completed								
Containment Performance Assessment PWP					■ Completed						
Spent Fuel Storage System Analysis Code Transfr.					■ Completed						

■ Completed □ In Progress PWP = project work plan

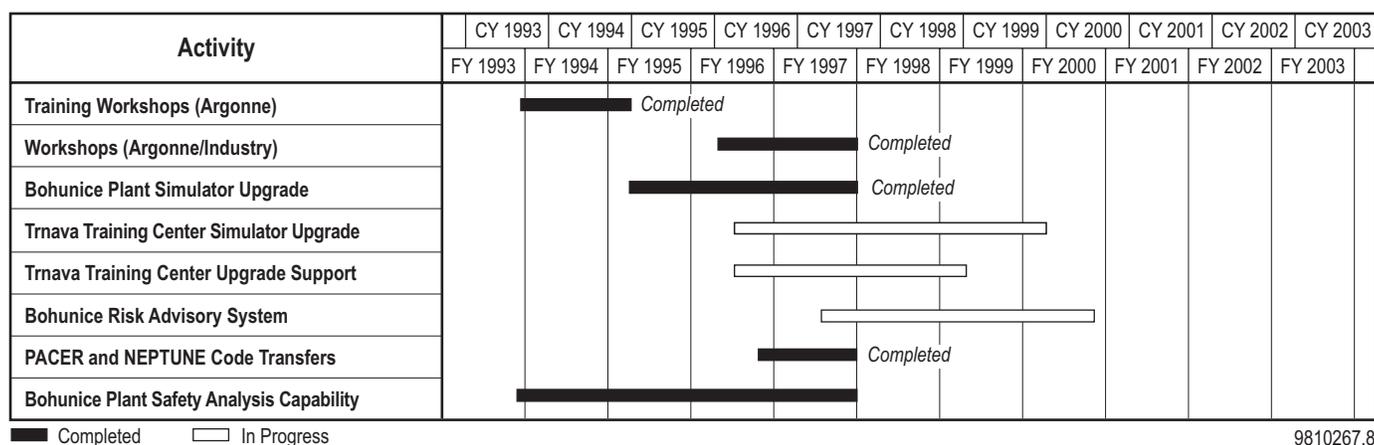
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Table C.7. Schedule of Safety Improvement Activities in Lithuania



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Table C.8. Schedule of Safety Improvement Activities in Slovakia



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12-17-98