

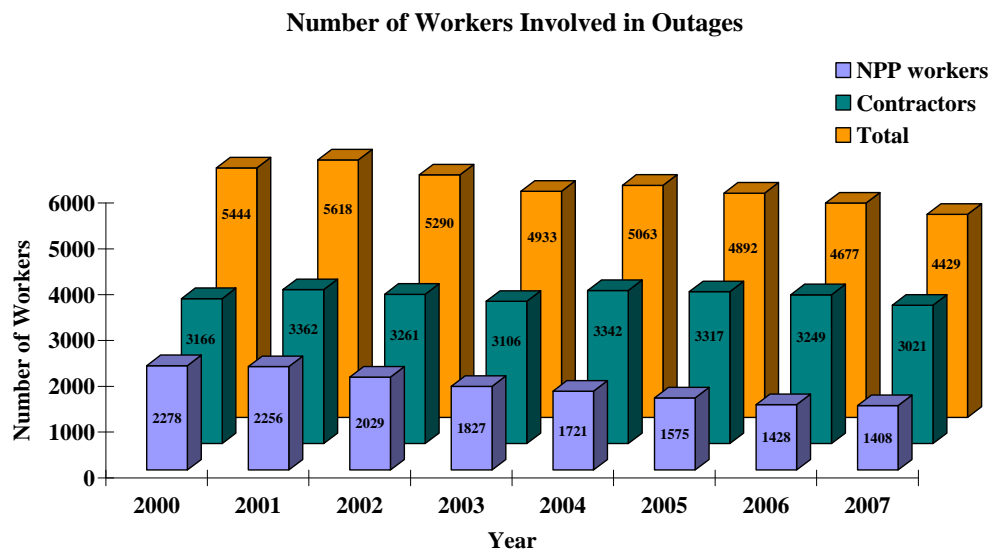
ASSESSMENT OF OCCUPATIONAL EXPOSURE DURING OUTAGES AT THE NPP DUKOVANY REGULATORY VIEW

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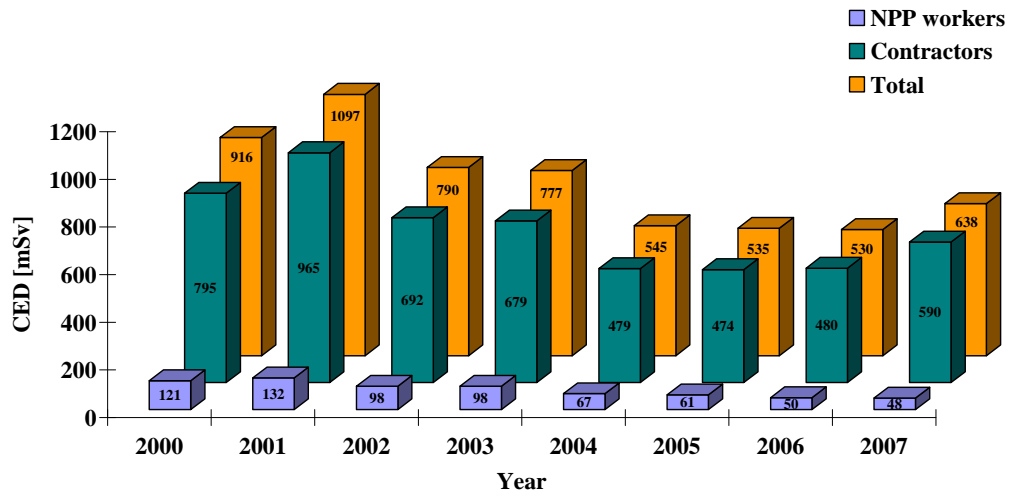
State Office for Nuclear Safety
Senovazne nam. 9, Prague, Czech Republic
www.sujb.cz

Data

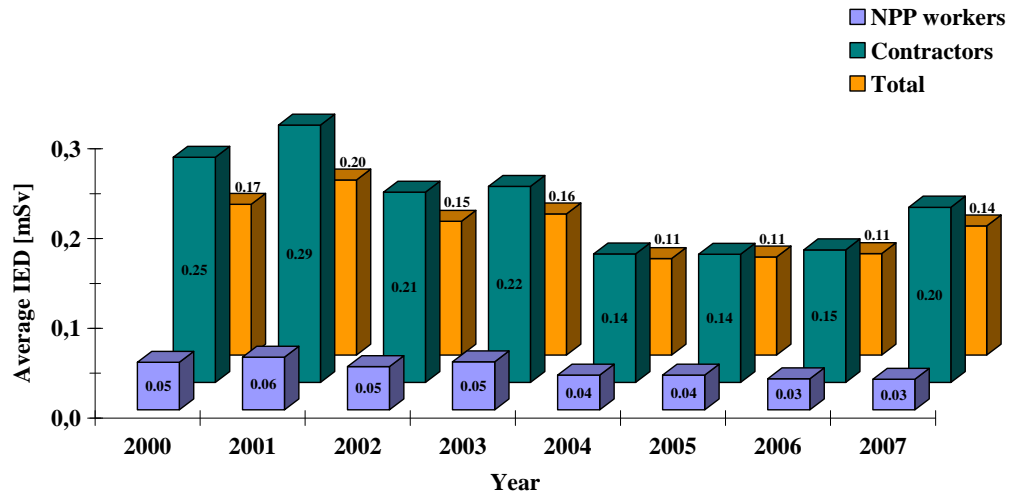
- Presented for four units of the NPP Dukovany
- Obtained from Electronic Personnel Monitoring System
- Doses expressed in mSv



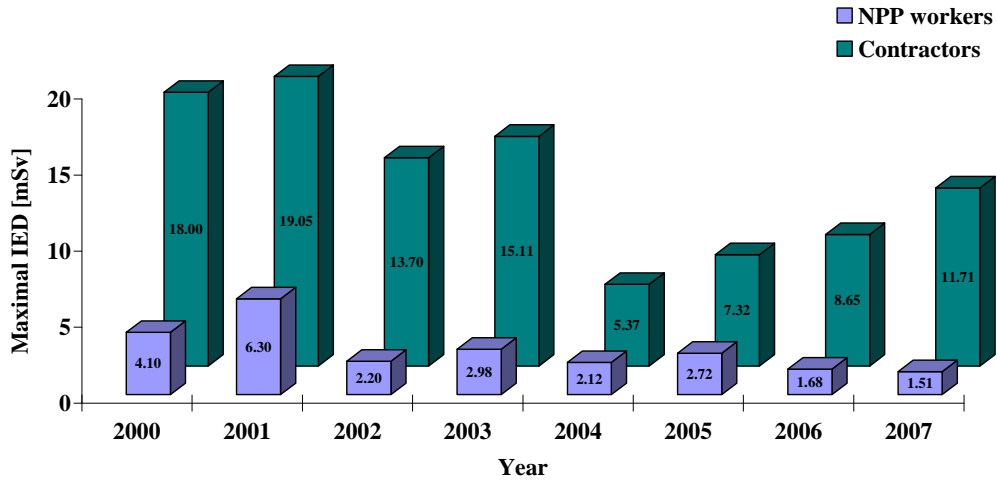
Collective Effective Doses (CED) in Workers Involved in Outages



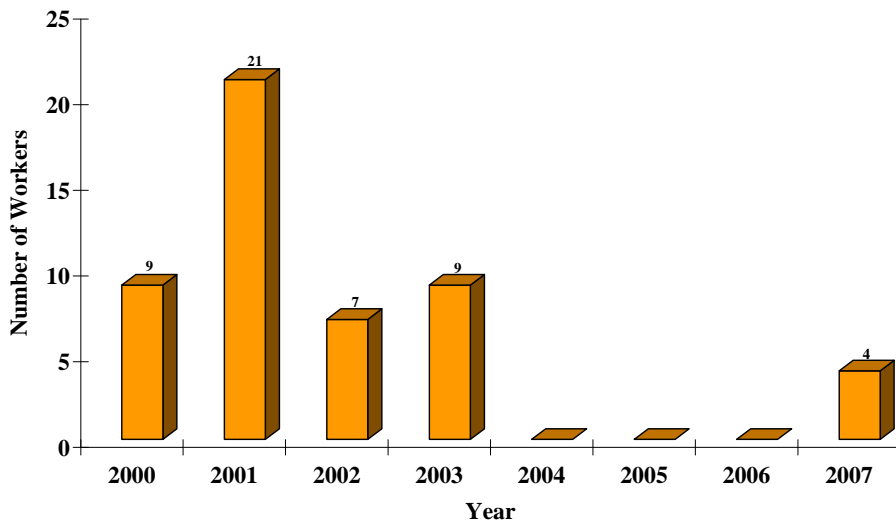
Average Individual Effective Doses (IED) in Workers Involved in Outages



Maximal Individual Effective Doses (IED) in Workers Involved in Outages

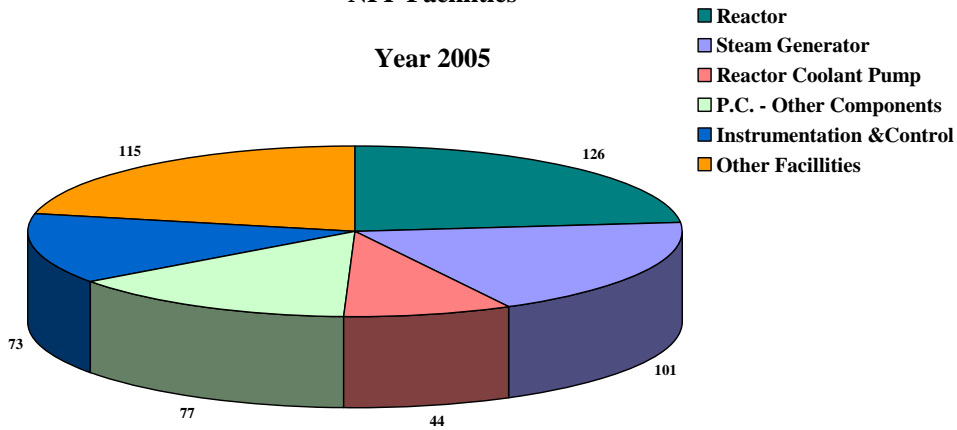


Number of Workers with a Maximal Individual Effective Dose > 10 mSv



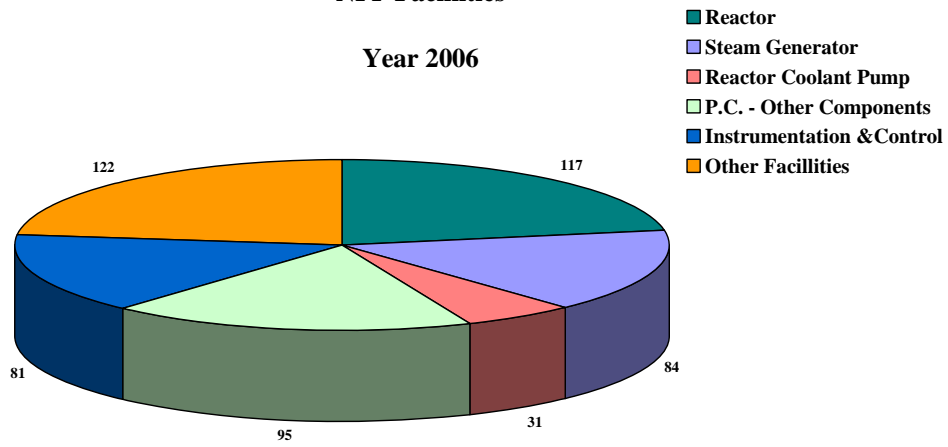
Collective Effective Doses [mSv] for Working at Selected NPP Facilities

Year 2005



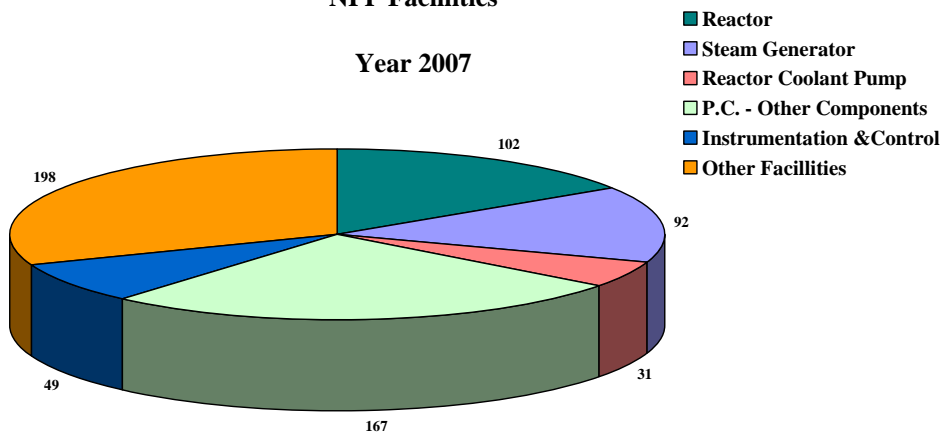
**Collective Effective Doses [mSv] for Working at Selected
NPP Facilities**

Year 2006



**Collective Effective Doses [mSv] for Working at Selected
NPP Facilities**

Year 2007



- Contractors must have licence for performing services important in terms of radiation protection
- Quality assurance program must be approved by State Office for Nuclear Safety (SONS)
- To ensure systematic checking of radiation protection observance at work, contractors must have a supervising person with a special professional competence (appropriate education + exam at State Office for Nuclear Safety)
- State surveillance for contractors – routine inspections (legislation requirements observance, complying with NPP operator instructions, work optimization, event investigation)
- Annual meeting of SONS inspectors and contractors' representatives – good practice x problems x new legislation requirements
- Implementation of personal radiation passports



Collective Effective Dose is low



Lower number of workers → increase in Individual Effective Doses