4) INFORMATION AND MANAGEMENT SYSTEM FOR PLANNING AND IMPLEMENTATION OF NUCLEAR POWER PLANT DECOMMISSIONING

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THE PROBLEM

Especially in the nuclear sector an extensive Know-how and experience on development of database applications is desired.

The main task is the development of Client-Server-Solutions based on operating system independent Intranet applications on server as well as on client side.

Mainly the adoption and use of a modular and system independent system for planning and implementation of Nuclear Power Plant decommissioning is a current task in many countries.

THE TECHNICAL SOLUTION

"Information and Management System for planning and implementation of Nuclear Power Plant decommissioning" is based on modules for inventory, dismantling, remnant tracing, waste management, documentation and project management.

The concept of system independent and open module structure offers the possibility to choose separate modules or the entire system. The open structure allows the client to adapt the system according to special requirements.

This System solves the following problems

- Network solutions in LAN and WAN areas
- Internet/Intranet solutions
- Development of database applications with Oracle.

USERS BENEFIT

Using this computer aided procedure for planning and implementation of Nuclear Power Plant decommissioning you can:

- get every time the current status of decommissioning activities
- specify different tasks
- improve economic efficiency
- take into consideration different boundary conditions-

PRACTICAL EXPERIENCE

The system is used in the German Greifswald NPP (EWN) for many years. The experience shows the high availability and efficiency of the system itself. Some economical data which underline these facts will be given.