

The IAEA logo consists of the letters 'IAEA' in a bold, blue, sans-serif font.

## International Decommissioning Network Technical Meeting 29-31 Oct. 2007

Needs:

- safety concept with respect to those safety aspects which are still necessary
- appropriate decommissioning strategy based on the safety concept
- reasonable dose concept for workers
- appropriate strategy for the disposal of radioactive waste and for the clearance of materials
- sufficient documentation of the operational parameters (status of the systems from the historical view)
- sufficient documentation of the facility as modifications during the operational phase have changed the plant
- appropriate cutting and dismantling technologies



**TÜV NORD Group** is offering

At the Service of Customers  
across the Globe in more than 70 countries

Foundation of the associations:

- starting with TÜV Nord e.V.: **1869**

Foundation of TÜV NORD Group: **2004**

Number of employees: **6,800**

Turnover: **600 million EURO**

- Competent – with broad expertise, neutral and independent
- International – with locations throughout the world
- Your partner – comprehensive service and reliable consultancy

Within the TÜV NORD Group **TÜV NORD SysTec** and **TÜV NORD EnSys Hannover** are responsible for the field of nuclear technology and radiation protection.





TÜV NORD Group  
Energy & Systems Engineering  
**safety through competence**

**TÜV NORD SYSTEC**

Characteristical Data

Sites	Hamburg, Greifswald, Berlin, Essen, Augsburg
300	Experts / Inspectors
30	Administrative Personnel
42,6	Mio EURO Turnover (2005)

**Competence in:**

- Energy engineering
- Conventional and nuclear energy engineering
- Radioactive waste and disposal
- Strength and design of components
- Materials and non-destructive material testing
- Type examination, instrumentation and control (digital I&C, SPS)
- Radiation protection
- Computer software
- Fluid dynamics, thermodynamics, neutron physics
- Probabilistics
- Biotechnology
- Fire safety
- Industrial consultancy

# References as a Nuclear Inspection Body for Research Reactors in decommissioning



**Swimming Pool Research  
Reactor at Geesthacht (5 MW)**

**Nuclear Research Vessel  
OTTO HAHN**



**Research  
Reactor at  
Rheinsberg  
(60 MW)**



# References as a Nuclear Inspection Body for Nuclear Power Plants in decommissioning



**NPP Stade**



**NPP Greifswald**

## Plants in Decommissioning Phase under Contract

- Greifswald (TÜV NORD SysTec)
- Stade
- Rheinsberg
- Würgassen (TÜV NORD EnSys Hannover)
- Lingen