



NDT contract management

During plant outages, NDT inspections are carried out either by Inspection Management Engineers or by teams of contractors, requiring effective management of personnel and control of the inspection process and results. The commercial implications of errors in this area of work can be significant. Exposure to risk should be minimised to avoid loss of plant performance and availability.

Product

RWE Power International has expert knowledge of the management of NDT contracts and contractors, and can provide capabilities and experience, at a level to ensure compatibility with national and international standards. The service provides an extensive range of support activities including:

- a dedicated site team of highly experienced NDT engineers
- registration, approval, management, supervision and audit of contractors
- processing, summarising and reporting test results using customised databases
- direct liaison with metallurgists and plant specialists, regarding the inspection requirements and processed results
- specialist inspections to support defect investigations on components of complex geometry or requiring critical assessment
- production of summary reports detailing outage activities, and recommendations for continued improvement
- NDT appreciation training for customer or contract staff.

Benefits

- management of NDT during outages by highly experienced, reliable personnel
- accurately defining and agreeing the scope of work
- continuous improvement of the process
- minimisation of outage costs by ensuring NDT is carried out correctly during initial inspection
- reliability of NDT results is ensured
- NDT contractors work efficiently and to appropriate procedures
- provision of timely information of inspection status and results
- access to Specialist Inspections as required
- risks to plant integrity are minimised and regulatory requirements are met
- access to written NDT Procedures and Technique sheets
- access to bespoke information management systems including Site Inspection Management Database and 3D Plant Asset Register (Drawing and Information Management package).