

## **ENC 2002 Conference Invited Paper**

### **Meeting the Needs of Utility Customers within the Current Requirements for Spent Fuel Transports**

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#### **Abstract**

Following a three-year pause in transports from Continental European reactors to the United Kingdom, shipments of spent fuel to BNFL resumed in April 2001. New radiological monitoring and documentary procedures have been introduced in addition to already stringent procedures in place, all of which give added confidence that BNFL transports from Continental Europe will continue to be performed within the regulatory guidelines

Achievement of the June 2005 cut-off date imposed by the German Government for completion of deliveries of spent fuel to overseas reprocessors will, in addition, be demanding. It can only be achieved by full transparency and by the co-operation of all parties in the industry. The current security, regulatory and political requirements provide a difficult environment in which to operate. This paper investigates the issues and challenges for BNFL towards achieving the cut-off deadline.

This paper also concentrates on the key technical and logistical improvements made by BNFL throughout its transport systems during the pause in transports. Also highlighted are the new systems implemented as a result of changing regulations and new assets required due to the imposed deadline