

Catalyze support Magnox South Sizewell A decommissioning decision making and BPEO review

Situation

Magnox Electric Ltd is the Site License Company (SLC) that manages the day-to-day operations across two regions of UK reactor sites, Magnox North and Magnox South on behalf of the Nuclear Decommissioning Authority (NDA). Site operations include the defueling and decommissioning of the historic Magnox power stations at Dungeness A in Kent, Sizewell A in Suffolk, Berkeley in Gloucestershire, Bradwell in Essex and Hinkley Point A in Somerset. Sizewell A site, located on the Suffolk heritage coast ended 40 years of safe, compliant electrical generation on 31 December 2006.

Vision

To continue the outstanding 40-year history of Sizewell A as a safe supplier of energy to the UK, Magnox South is committed to ensuring that the Defueling and Decommission programme is achieved in the same manner. To support this, a number of enabling projects are currently taking place as part of the site's Defueling and Decommissioning preparations. As part of these preparations Sizewell A are carrying out a wide range of BPEO (Best Practical Environmental Option) assessments many involving public consultation. To ensure the success of these BPEO's Sizewell have adopted MCDA and Decision Conferencing supported by Catalyze and Hiview3. In this way the BPEO process provides:

- Consistency
- Rigour
- Stakeholder involvement
- Transparency

It also helps in the identification of correct and meaningful criteria as well as innovative option development.

How Catalyze helped

Catalyze supported the introduction of Hiview with tailored in-house training for the Hiview software and decision conferencing, including facilitation skills. To fully test the validity of the process the Sizewell A team invited a highly respected environmentalist to join the programme to challenge their thinking and explore the results of an initial BPEO.

Outcome

The Sizewell A team are now able to design and perform BPEO assessments, calling up the support of Catalyze as appropriate. More than that, they have the confidence in knowing that their BPEO process provides the best possible environment for stakeholder engagement to support the safe and successful Defueling and Decommission programme.