framatome

Studies, Evaluation and Root Cause Analysis

Planning of activities according to the PDCA cycle – Plan, Do, Check, Act

Focusing on effective corrective measures and prediction of impairments from implementation or modifications

Challenge

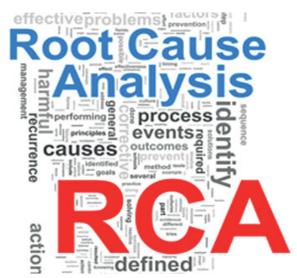
Negative effects on plant safety and integrity have to be excluded in preparation for modifications of any type (e.g. components, materials, chemistry). Nonetheless, problems and events could occur years after minor modifications or unidentified events. Consequently, the symptoms of a problem or event are continuously treated but the unidentified cause can not be eliminated.

Solution

Our experienced and competent professionals evaluate impacts of (planned) modifications and identify the root causes of faults or problems. Our studies and evaluations assess the current situation as well as impacts of planned modifications and are a basis for approval procedures. Problems and faults can be effectively treated after identifying them in terms of our root cause analysis and support you in finding solutions which are more than "putting out fires". Therefore, our professionals use all relevant available data and analyze why the event or problem occurs.

Customer benefits

- · Support and basis for approval procedure
- · Justified assessment of planned modification
- Sustainable solution for faults or problems
- Our international experience covers plant design of various original equipment manufacturers (OEMs)
- Close cooperation with experienced nationally and internationally acknowledged experts in different areas



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Range of Services

- Studies:
 - Injection of depleted zinc oxide
 - Impact of an increased pH
 - Enriched boric acid in combination of usage of 100% MOX core
 - Dose rate reduction study
 - Application of arc spray technique
- Evaluation
 - Operational and shutdown chemistry
 - Elevated Li-pH operation mode
- Root Cause analysis:
 - Mobilization of primarily deposits at SG

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Your performance is our everyday commitment