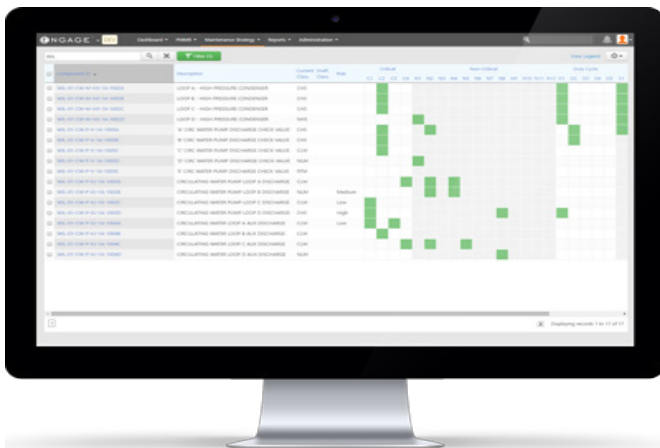


How a Nuclear Utility Saved Time and Money by Updating Their Preventative Maintenance Change Request Process

Over the years, the PM change process had become complex and difficult to manage. Data related to requirements (why is PM being performed), cost and other key information was scattered in many places. Change details were buried in long text fields leaving the PM process owner on their own to decipher the information provided. This resulted in unnecessary delays and constant rework of requests.

At the same time, the nuclear industry had an immediate imperative to start reducing costs due to a reduction in generating income as a result of low natural gas prices. One of the first areas the industry looked at was reducing the workload and parts cost associated with recurring preventative maintenance tasks. A large North American nuclear generation company was challenged with cutting costs by 25% by eliminating or extending the frequencies of PMs.



Benefits



\$1M reduction in annualized material costs and >1 full time equivalent labor hours saved per site



25% cost savings by eliminating unnecessary PMs



1400 Administrative hours saved per year between the PM Strategy owner and the PM Coordinator

The Challenge

The current Preventive Maintenance (PM) Change Request (PMCR) process included a lot of manual work to complete a PM change. Additionally, based on the type of change requested, the required data and process could change. Over the years, it became complex and challenging to collect all the key information required to facilitate a change. With the nuclear industry working to lower ongoing maintenance costs while ensuring safe operations, it became apparent that a better methodology was needed to support PM changes from initiation through implementation.

The Solution

With the implementation of ENGAGE: Strategy across their organization, this utility was able to lower their preventive maintenance workload, reduce headcount, and spend less on replacement parts.

ENGAGE: Strategy connected the relevant information required from other data sources and calculated the annualized labor and parts cost savings through the PMCR process. A direct link to the work management system was created to automatically pull in required information to assess a PM change, and to write back any adjustments without manual intervention upon approval of the PMCR. This, combined with the ability to change multiple PMs at a time, made it simple to process a significant number of changes in less time and make better decisions about which changes would provide the greatest return.

The Result

By using the ENGAGE: Strategy software product to streamline their PMCR process, the nuclear utility was able to efficiently identify and process PM changes. The software pulled together the appropriate data into the right workflow to quickly facilitate PM Changes that would previously require significant manual effort to create, review, and approve. Over a two-year period, each site changed over 500 PMs resulting in \$1M in reduced material costs each year, over 1 FTE worth of hours eliminated, and the administrative burden of making these changes was also reduced by 1400 hours compared to previous practices.

**Contact us today for a
free evaluation of your
PM Change process.**
