



Summary



Industry:	Power Gen - Nuclear
Application:	B259 Deck Tanks Pump System
Actual Saving:	£N/A
Payback Period:	N/A



ERIKS provide pumping solution for nuclear customer

ERIKS Pumping know-how solves nuclear waste removal issue

ISSUE

Our customer pumps a waste nuclear product into vessels for removal and storage. The product is mainly water but has some solid contaminants at the bottom.

The current pump that they have been using is a magnetic drive centrifugal pump. This type of pump does not work well with solids and is failing regularly. This causes the process to stop until the pump is fixed. Causing not only a financial issue but also a risk to staff as the engineer has to go into an active area to undertake this task.

SOLUTION

ERIKS have found a solution for the problem by offering a pump that pumps both the water and the solids. Not only does it do this, there is also a cyclone separator attached to the frame to remove the solid content into a separate container as well. Leading to no issues when it comes to splitting the waste water and solids.

This is combined with a filter to protect the pump from excessive solids and is neatly fitted to an integrated frame. The frame is on tall legs so that the current containers can fit directly underneath the pump. This stops any issues with lifting the container etc. The new pump also has no seals, so there is no way that it can fail or leak under these conditions.

OTHER BENEFITS

- Reduced Downtime
- Positive Risk Reduction

FURTHER COMMENTS...

Customer ordered and the set has been delivered.

MORE INFORMATION

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know-how makes the difference

