

Deposit Minimization Treatment (DMT)



Fast reaction reduces outage time and provides schedule margin.

The Most Effective Alternative for Steam Generator (SG) Deposit Removal

AREVA's Deposit Minimization Treatment (DMT) family of products lives up to its name. More effective than other "soft" cleaning techniques, DMT removed a cumulative total of 2100 pounds of deposits from three SGs in its first application. DMT also has the flexibility to be applied to meet the demands of complex outage scopes and schedules. Our Chemistry and Technical Services (CTS) team is investing in the technology and resources to help prolong your steam generator life, reduce waste, and most importantly, to promote the operating efficiency of your plant.

Fast - DMT Minimizes Outage Time

We understand that time is money – especially during an outage. The DMT process was designed with an appreciation for ever changing outage schedules. Steam generator workscope often changes on the fly due to inspection findings. DMT is a relatively fast process that doesn't require an inordinate amount of residence time – the chemical reaction is fast, which reduces outage time and provides schedule margin for the flexibility you need during an outage.

An Environmentally Green Alternative Gets the Job Done Right

Our exclusive process can actually help you protect the environment. DMT applies self-inhibiting dissolution chemistry. This means that the small amount of process corrosion allows DMT to be applied multiple times within the steam generator lifetime corrosion allowance. The magnetite removed from the steam generator is reformed into a solid secondary waste with all process water becoming clean water. DMT gets the job done without generating large volumes of secondary liquid waste. This means fewer headaches for you at the end of the day.



Pre-DMT



Post-DMT

The Bottom Line – Get the Fast, Green & Effective Solution

DMT is now the field-proven, quick and clean answer to maximize deposit removal, minimize waste disposal costs, and enhance steam generator health.

Features and Benefits

- Can meet the demands of complex outage scopes and schedules
- Effective in the removal of SG secondary side deposits
- Ultimately prolongs the life of your SGs
- Can be applied multiple times within the SG lifetime corrosion allowance
- Significantly minimizes secondary liquid waste
- Fast, green & effective



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