

Message from Tim Clarke, CEO of DWMC

Welcome to our first anniversary of the DWMC project newsletter. The project workforce is getting towards peak crewing now, with nearly 3,500 personnel at site. Our contractor is continuing to keep pace with the construction schedule, and we have just reached 4 million safe working hours. At the time of draft preparations are being made for pressure testing boiler 11 including the water steam cycle package, and further pre-commissioning activities are planned in June and July. Recent site inspections and audits by project insurers, third party HSE consultants and government regulators have reported ongoing compliance with standards and regulations. I would like to take this opportunity to express my thanks to the whole project team for their hard work and commitment over the last twelve months.



Project progress

Control room fit out is continuing with under floor cable trays and fire suppression systems fitted. Medium voltage transformers have been installed in the technical block, in preparation for connection to wiring looms. Air cooled condensers are now completed in the pre-assembly area, and the first unit has been moved to final location at the end of May. The units are moved on self-propelled modular transporters, before being lifted onto the elevated support structures by a heavy lift crane. These low-level lift and transportation devices are remotely controlled and have all-wheel steering, to aid manoeuvres in congested work areas

An SPMT unit in position and rigging set up for module lifting



The administration building is now at second floor level and the foundations for the Black-Start generator block are nearing completion. Plans are now circulating for the first phase of pressure tests and pre-commissioning works in block 1 and our EPC contractor has started to mobilise commissioning

specialists to site. Roof cladding is being installed on the eastern aspect of the bunker roof and fitting of the support structures for the front elevation façade have started. Ram feeders, waste hopper assemblies and bottom ash hoppers have been installed in line 23 and 24 and the IBA conveyor structures are well under way, connecting the boiler hall to the IBA pre-maturation handling area.

Spot Focus- 'Cable Pulling'

For the mechanical and electrical equipment and systems to operate, thousands of kilometres of cables must be laid around the site. These range from the large diameter 132Kv cables to the small electrical wires used for 240-volt three pin sockets. Contractor has been installing cable trays around the site since Q1 and cable spools have been arriving at site this month. Cable pulling is an important milestone in construction projects, as it brings the construction phase closer to the start of pre-commissioning and commissioning works scheduled to start in Q3 this year.

Cable trays in the boiler hall and cable drums in the laydown area.



Continued good performance in HSE Audit

The third full site HSE audit took place during May, carried out by a third-party specialist. The focus of this audit was working at height, confined space working, welding activities and the site permit to work system. These areas are associated with the major welding scope underway in and around the boilers, superheaters and piping spool packages. Since the last audit project work has intensified significantly and the project workforce increased by 25%. There were no non-conformities noted during the audit and observations and recommendations raised were of a minor nature. The auditor was complementary about how the project team were managing the increasing risk profile and special recognition was noted for the HSE school of risk developed by the EPC Contractor.

For more information about the DWMC project, to request information, or to raise a grievance please email us at info@dwmc.ae.