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At OMCS Asia-Pacific we're all about **Planned Maintenance Optimisation**

But don't just take our word for it...

Adrian Traves, Technical Support Manager for Siemens Power Operations Inc / Philippines, maintains just how beneficial our PMO Workshop was to SPO.

SPO comments on PMO

With regard to the PMO Workshop and PMO Training, on behalf of SPO I would like to express my thanks to Steve, Mark and Tony for all the hard work and effort put into the preparation and delivery of the PMO Workshop. The whole project was professionally done, and overall SPO was very pleased with the PMO Workshop both in terms of content and delivery. It met all the expectations that we had, and moreover delivered some further benefits that we hadn't anticipated. Equally important, those who attended (myself included) enjoyed it - something that is often underestimated, but which actually is the critical factor in whether the knowledge will be retained and used!

With regard to the "product" of PMO, SPO has benefited, and will continue to benefit, from what I consider to be the four key elements of PMO:

- 1 The process is simple, systematic and above all practical.** Rather than sweeping aside all of our operating and maintenance experience, the PMO uses this as the foundation for an optimized program. Coupled with a focus on consequences ("what happens if it fails") rather than components ("what is the standard way for maintaining this equipment") this has enabled us to rapidly work through our systems to fill omissions, remove duplications, and target schedules at what are the true causes of costs or downtime.
- 2 As a result of the PMO we occasionally discovered components that were not on any maintenance schedule, or interface components that were not being scheduled in accordance with the needs of both systems that they served.** In one instance, we discovered a safety critical component in a fuel-gas system that had been misidentified during data entry to our maintenance program, and thus was listed only for breakdown

maintenance rather than scheduled maintenance. **Failure of this component would have been catastrophic under emergency conditions, and therefore I feel that this finding alone has justified the outlay for running the PMO Workshop.**

- 3 Our employees have benefited greatly from working on systems in-depth as a part of a mixed team.** As well as improving the general level of teamwork and inter-departmental co-ordination there has also been a noticeable increase in motivation to know and understand what the other departments do. Overall, implementing the PMO has brought a significant increase in cross-training and knowledge transfer.
- 4 The process of PMO is straightforward to implement:** despite the newness of the concept and size of our groups, we were "running" with it and getting genuine and meaningful results within days. Moreover, it is easy to move people between groups (to accommodate shift patterns, vacation, training etc) and also to bring into an existing group new people who were previously unfamiliar with PMO.

Finally, as you know, SPO has taken the concepts and processes of PMO and used them within our own operation and maintenance planning software (BFS++). While some may see this as a deviation from the "standard product", the fact that PMO can still be applied, even if the "implementation software" is different, is, in my opinion, a major strength of PMO, and was a key reason why SPO chose PMO for the optimization of our maintenance. **Given the results that can be attained with it, I expect to see many more power stations using PMO in the near future.**

SIEMENS

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