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Innovation in Equipment Procurement Management for the 'Linglong-1' Demonstration Project

Abstract: Nuclear power project is an extremely complex systematic project, the first reactor demonstration project control risk is more prominent, and equipment procurement is precisely all kinds of risk interlaced with the concentration of the field, easy to become the main constraints in the construction of nuclear power projects and management problems.

In order to achieve 'Linglong-1' first reactor project successfully completed and put into operation, Hainan Nuclear Power Co. based on the characteristics of EPC general contracting mode, the formation of the "main equipment critical path management" "multiple quality control". The innovative management methods represented by "Main Equipment Critical Path Management", "Multiple Quality Control", "Equipment Grading and Refined Management", etc., have effectively responded to and solved the difficulties and challenges of equipment procurement that are commonly faced in nuclear power engineering projects.

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