

# Applying Burn-up Credit Technology

## for Spent Fuel Storage in China

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### **Abstract**

Since 1990s, the concept of Burn-up Credit was introduced into China, a lot of work has been done in CIAE. From the year of 2002, a technical co-operation project with IAEA including a series of training course on Burn-up Credit technology has been conducted. The nuclear authorities of China have approved applying BUC in some areas of spent fuel managements. At present time BUC technology has been applied in spent fuel storage in China. The standards and regulations on BUC are under being developed.

In this paper, the analysis method on BUC technology what we used is presented. The activities on applying Burn-up Credit technology for spent fuel storage are introduced. The problems we faced with and the research programs we will conduct are also introduced in this paper. The BUC technology will play an important role on spent fuel management in China in future.