

Introduction of “Work Management to Optimize Occupational Radiological Protection at Nuclear Power Plants”

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In 1997, *Work Management in the Nuclear Industry* (Pink Book) was published. The Pink Book specified the basic rules of management of the work process including planning, preparation, implementation, assessment, and feedback. The Pink Book has been actually used in nuclear power plants in the world for the reduction of exposure and costs. Ten years later, many new techniques and experiences regarding the radiation protection have been accumulated, and in 2006 the Steering Committee meeting decided to update the Pink Book. EGWM (Expert Group on Work Management) was formed, and in 2008, the Committee approved the new book to be published under the name of “Green Book,” which was duly done in 2009.

The Green Book consists of the following chapters:

1. Introduction
2. Regulatory aspects
3. ALARA management policy
4. Worker involvement and performance
5. Work planning and scheduling
6. Work preparation
7. Work implementation
8. Work assessment and feedback
9. Ensuring continuous improvement
10. Conclusions

This book provides practical guidance on work management for key issues to optimize worker exposure. This book is distributed to ISOE members, and also can be downloaded from the ISOE network website. The book is scheduled to be translated into several languages, including Japanese. As with the initial version (Pink Book), the revised version (Green Book) is expected to be used effectively in many countries. The Green Book will be useful to new nuclear power plants in the coming nuclear renaissance era, and will contribute to the reduction of radiation around the world.

