

## NUCLEAR ENERGY SERIES

<b>Provisional Title</b>	<b>Assessment of a Management System for Nuclear Facilities</b>
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### RATIONALE

Principle 3 of IAEA Fundamental Safety Principles requires that Safety has to be achieved and maintained by means of an effective management system. IAEA Safety Series GSR Part 2, *Leadership and Management for Safety*, sets out requirements for such a management system and requires it to integrate its elements.

IAEA NE Series publication NG-T-1.3 provides general guidance about setting up a management system, but it includes rather little about how to evaluate it for its purpose and users. TECDOC 1740 presents examples on establishing graded approach to an organization and its various activities. TECDOC 1910 presents how quality management, assurance and control relate to a management system. However, none of them includes practical guidance on how activities such as self-assessment, independent assessment or management system review could be done.

### OBJECTIVE

The objective of this publication is to offer guidance with good practices for the conduct of assessment, evaluation and review (denoted as evaluations) of an integrated management system or its parts of nuclear organizations owning or operating a nuclear power plant (NPP) or its project.

This practical guidance will provide generic framework, and examples where applicable. There are different types of nuclear organizations and evaluation cases and, consequently, one evaluation scope or approach may not fit all. The publication may be used together with NG-T-1.3 which includes guidance about developing a management system.

This publication is intended to provide support to relevant professionals in evaluating the elements of the management system for which they have responsibility, which they are part of, or which they have been requested to evaluate. It should help to find out if a management system is useful for its purpose and uses.

### SCOPE

All levels of an integrated management system or its parts (corporate level, NPP level, strategy level, processes and indicators, etc.) belong to the scope of this publication as well as all life cycle phases of a NPP from the project development to the final shutdown. The emphasis is in operating NPPs and the management systems of their organizations, but other phases, other organizations (e.g. nuclear regulatory bodies) and other types of nuclear facilities may also benefit from the guidance provided by this publication.