

1. Record Nr.	UNINA9910820627803321
Titolo	Thermal Performance Monitoring and Optimization in Nuclear Power Plants : Experience and Lessons Learned / / International Atomic Energy Agency
Pubbl/distr/stampa	Vienna, Austria : , : International Atomic Energy Agency, , [2021] ©2021
ISBN	92-0-123921-1 1-5231-4983-3
Edizione	[First edition.]
Descrizione fisica	1 online resource (209 pages) : illustrations
Disciplina	690/.8370472
Soggetti	Solar houses - Design and construction House construction - Environmental aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	"Rising operating costs and increased competition have focused attention on the need to improve thermal performance in nuclear power plants (NPPs), to ensure efficient electricity generation. Efforts to improve thermal performance require a broad understanding of NPP design, operation, maintenance, ambient conditions, and thermal sciences. This publication provides various methodologies for tracking and trending NPP thermal performance. It describes the essential elements of a thermal performance programme, providing guidelines on the design of the balance of the plant systems for new build NPPs and improvements to an existing programme for operating NPPs."--