1. Record Nr. UNINA9910787903503321 Autore Antaki George **Titolo** Nuclear power plant safety and mechanical integrity: design and operability of mechanical systems, equipment and supporting structures / / George Antaki and Ramiz Gilada Oxford, England;; Waltham, Massachusetts:,: Butterworth-Pubbl/distr/stampa Heinemann, , 2015 ©2015 **ISBN** 0-12-810290-X 0-12-417306-3 Edizione [1st edition] 1 online resource (355 p.) Descrizione fisica Disciplina 621.4832 Soggetti Nuclear power plants - Design and construction Nuclear reactors - Safety measures Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Front Cover; 1.1 REQUIREMENTS; 1.2 CLASSIFICATION; 2.3 DYNAMIC LOADS; 2.4 VIBRATION TESTING AND MONITORING; 2.6 SPECIAL ANALYSES; 5.7 SCAFFOLD; 5.8 CASE STUDY; 5.9 COMPONENT **CLEARANCES** Sommario/riassunto One of the most critical requirements for safe and reliable nuclear power plant operations is the availability of competent maintenance personnel. However, just as the nuclear power industry is experiencing a renaissance, it is also experiencing an exodus of seasoned maintenance professionals due to retirement. The perfect guide for engineers just entering the field or experienced maintenance supervisors who need to keep abreast of the latest industry best practices, Nuclear Power Plant Maintenance: Mechanical Systems, Equipment and Safety covers the most common issues faced in day-to-

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