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Altri autori (Persone)	SehgalBal Raj
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Nota di bibliografia	
Nota di contenuto	Light water reactor safety, a historical review -- In-vessel core degradation -- Early containment failure -- Late containment failure -- Fission product release and transport -- Severe accident management -- Environmental consequences and management of a severe accident -- Integral codes for severe accident analyses.
Sommario/riassunto	This vital reference is the only one-stop resource on how to assess, prevent, and manage severe nuclear accidents in the light water reactors (LWRs) that pose the most risk to the public. LWRs are the predominant nuclear reactor in use around the world today, and they will continue to be the most frequently utilized in the near future. Therefore, accurate determination of the safety issues associated with such reactors is central to a consideration of the risks and benefits of nuclear power. This book emphasizes the prevention and management of severe accidents, in order to teach nuc