



## Reactor Radiation (Classic Reprint) (Hardback)

By J M Rowe

FBC LTD, 2017. Hardback. Condition: New. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from Reactor Radiation The Reactor Operations and Engineering group is primarily responsible for the safe and efficient operation of the reactor in order to provide a cost-effective and productive unique national resource. This group also performs sample irradiations (for both Activation Analysis and isotope production), helps users to design and install new experiments, and is responsible for monitoring many experimental systems the helium refrigerator for cold source cooling). In addition to operation of the reactor, group staff perform periodic maintenance, complete necessary surveillance tests, design and oversee major reactor improvements and upgrades, and are responsible for ensuring compliance with all regulatory requirements. The Neutron Condensed Matter Science group, in collaboration with hundreds of other researchers from nist, universities, industry, and other government organizations carries out an active program of research, applying neutron methods to a broad variety of problems in the general areas of physics, chemistry and material science, with special emphasis on new materials of interest to science and technology, such as polymer blends, fullerenes, oxide superconductors, ceramics, chemical catalysts, novel magnetic systems, thin films and interfaces, biological materials, and composites....



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