

**NUCLEAR POWER SCHOOL (NPS) ASSIGNMENTS IN THE  
RADIOLOGICAL FUNDAMENTALS SUBJECT FOR TECHNICAL MAJORS**

TITLE AND VOLUME OF DOE FUNDAMENTALS HANDBOOK	MODULE NUMBER AND TITLE	TOPIC	ASSIGNMENT
<a href="#">"General Employee Radiological Training"</a>	Part 3 of 3: Student's Guide	Part A: "Non-ionizing and Ionizing Radiation"	Read pages 4 and 5.
		Part B: "Sources of Radiation"	Read pages 6 through 8.
		Part C: "Risks in Perspective"	Read pages 9 through 14.
		Part D: "Radiological Controls"	Read pages 14 through 18.
		Part E: "ALARA Program"	Read page 18.
		Do practice problems on the above five topics.	
<a href="#">"Nuclear Physics and Reactor Theory" – Volume 1 of 2</a>	Module 1 – "Atomic and Nuclear Physics"	Topic 5 - "Radioactivity"	Read pages 30 through 42.
			Do practice problems on "Radioactivity".
		Topic 6 - "Neutron Interactions"	Read pages 43 through 47.
			Do practice problems on "Neutron Interactions"
		Topic 9 - "Interaction of Radiation with Matter"	Read pages 63 through 67.
			Do practice problems on "Interaction of Radiation with Matter"