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### **Nuclear Energy: Challenges and Directions**

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There are many myths regarding nuclear energy. Nuclear energy provides many advantages but like all other power generation methods it has some drawbacks. There have been some serious accidents involving nuclear power generation with the most recent occurring at Fukushima Daiichi. What role will nuclear energy play in the future? What are the challenges of the nuclear landscape as we move forward? Are there changes in policy or technology that should be considered? A vision of nuclear energy will be provided in an attempt to address these upcoming opportunities and challenges.