

Nuclear Plant Emergency Response



Nuclear Plant Emergency Response

Group Discussion

Module 9



Nuclear Plant Emergency Response

Instructions

- Divide the class into 7 groups.
- Each group will select a spokesperson.
- Each group will discuss the questions assigned to them over 10 minutes.
- Each spokesperson will report back to the class the results of the group discussion.



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Case Scenario – Plant Hatch



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Background

- Plant Hatch is one of 2 NPPs in Georgia and supplies, on average, > 9% of GA's total electricity needs.
- Construction began in 1968 and the first reactor (Unit 1) began commercial operation in December 1975.
- Unit 2 began commercial operation in September 1979.

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Background

- The total cost of the plant was \$934 million.
- About 850 people oversee the plant's operation 24 hours a day, 7 days a week.
- The plant was named for Edwin I. Hatch, president of Georgia Power from 1963-1975.

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Reactors

- The plant is powered by two boiling water reactors (BWRs).
- The reactor pressure vessel is surrounded by a primary containment structure made of robust steel and concrete and also by the secondary containment structure (the reactor building).



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Scenario and Questions

- Please refer to your forms in your folder.



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Discussion



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