The Department of Nuclear Engineering and Radiological Science
The UM Department of Nuclear Engineering

- During the late 1940s and early 1950s UM taught courses in nuclear energy.
- In 1952 the College of Engineering created a graduate program in nuclear engineering with a M.S. degree and Ph.D. in Nuclear Science and Nuclear Engineering.
- In 1958 a Department of Nuclear Engineering was formed (with Henry Gomberg as chair) to offer graduate degrees.
- The Department utilized the facilities of the Phoenix Laboratory and Ford Nuclear Reactor.
The 1960s, 1970s, and 1980s

- In 1965 undergraduate courses in both nuclear engineering and science engineering (later engineering physics) were introduced.
- The Department’s early focus was nuclear reactors, nuclear fusion, and nuclear materials but later broadened to include nuclear measurements, radiological health, and medical physics.
- In 1995 the name was changed to the Department of Nuclear Engineering and Radiological Science.
A World Leader

- Michigan’s nuclear engineering program (and associated Michigan Memorial Phoenix Project) where the first such university programs in the world.
- Throughout its history, the Department has ranked #1 or #2 in the world (with MIT).
- During its 50 year history it has produced 694 B.S. degrees, 488 M.S. degrees, and 490 Ph.D. degrees.
- On a per faculty level, the Department has long led both the College of Engineering and the University in Ph.D. production.
- Its graduates have gone on to leadership positions in all aspects of nuclear energy: industry, government, and higher education.
NUCLEAR ENERGY

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A Golden Anniversary