

Way Before the Renaissance

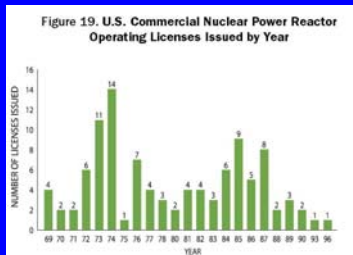
Frank J. Miraglia

Renaissance

- Rebirth
- Reawakening



Nuclear power in 60 and 70



From NUREG 1350

1000 reactors by year 2000

- “too cheap to meter”
- Electricity demand growing 10%/year
- Regulated industry

Take a number



Performance Assessment Before TMI

- Self revealing
 - Brown's Ferry fire
 - EQ issues
 - QA issues

TMI lessons learned

- Kemeny Commission - President
- Rogovin Report - NRC
- Sillin Report - Utilities

Performance Assessment Post TMI

- INPO
- AEOD
- Resident Inspectors
- SALP
- Performance Indicators
- SMM
- ROP

Then and Now

- Regulatory Process
- Regulatory Staff
- Industry Performance
- Infrastructure

Key Lessons from Looking Back

- Strong interface needed between operating and new plants
 - inform the design, construction and operation of new facilities
- Safe operation of existing fleet must be maintained

REMEMBER!