September and October 1977
Davis-Besse (Toledo) Nuclear Plant Malfunction

Nov 1, 1977
Kelly writes 1st memo to Nuclear Services

Nov 10, 1977
Walters responds that claims are “absurd”

Feb 9 & 16, 1978
Dunn writes to Nuclear Services

Aug 3, 1978
Hallman said that the issues would be looked into

March 28, 1979
Three Mile Island accident

Joseph Kelly: New Hire, Plant Integration Section Engineer

Bert Dunn: Chief, Emergency Core Cooling Systems Analysis Branch

Personnel, Nuclear (Customer) Service

Ground
Evidence that supports your claim
- Personal Experience
- Facts
- Data

Qualified
A term or condition that limits the claims and warrants; for instance:
  - few / many
  - some / most
  - in some cases
  - if it were

Claim
A statement of belief or truth that usually begins an argument; it should be:
- Convincible to the maker
- Controversial
- Debatable
- Tailored to the audience

Warrant
Connects grounds and claim
- Often unstated and assumed
- Cultural assumption
- Should not be controversial

Rebuttal
An objection to an argument; may be avoided by introducing proper qualifiers

Backings
Evidence that supports the warrant

Important Tips
Claims and warrants suggest the scope of the evidence
- Put claims and reason together early
- Illustrate information so audience can visualize