



AGA DIMP Workshop
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Panel 2
Plastic Pipe Data Collection and
Analysis

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Plastic Pipe History and Status

- Problem with vintage plastic
- Great improvements in material since 1960s
- Material of choice today
- Important, high profile material

What is prudent for regulators, operators, and
manufacturers

to ensure continued reliability?



Plastic Pipe Reliability

The PPDC provides reliability by:

All stakeholders involved and engaged

Narrow scope for in-service plastic pipe and fittings

Data QA/QC

Six month reviews and annual reports

Communication to public. *Improvement needed.*



Plastic Pipe Reliability

A mandatory PHMSA database per the proposed rule would allegedly provide reliability by:

100% operator data submissions

Regulator only data analysis



Plastic Pipe Reliability

Data Collection and Analysis

It is difficult for Voluntary and Mandatory programs to co-exist.

Almost impossible to merge the elements of Voluntary and Mandatory programs into one system.



Plastic Pipe Reliability

Expansion of Plastic Database to all materials
creates problems or challenges:

- Five materials become thousands
- Database dilution
- Hidden trends
- Slower analysis
- Less precision
- Reduced benefits



Plastic Pipe Reliability

AGA suggests modification to the PPDC:

- New independent administrator
- Keep voluntary status
- Retain stakeholder advisory group
- Retain most confidentiality requirements
- Provide all stakeholders graphic analyses
- Produce more detailed communication reports