

16-253-GA-BTX

From: Irwin Mortman [mailto:imortman@me.com]
Sent: Wednesday, June 29, 2016 1:29 PM
To: Puco ContactOPSB <contactopsb@puco.ohio.gov>
Subject: Dukes Energy Hamilton County Gas Pipeline

Dear Sir:

The Duke Energy gas pipeline is receiving attention as to its safety. On June 15th I attended an open house in Blue Ash and had the opportunity to meet with Duke Energy, (hereinafter Duke) representatives to discuss any questions I have.

Here is my summary of the high points from my ninety minute discussions with three Duke Representatives; Construction, Program Management, and Engineering at the Duke open house last night. I am a retired mechanical engineer with nearly forty years of experience in three technology areas; nuclear power plants for the United States Navy, quality control manager, and program management in aviation. I also hold a Professional Engineers License from New York State

1. The environment was far from ideal, very noisy and physical uncomfortable.
2. It seems to me it was difficult to obtain an answer to what national code standard is used for manufacturing, welding, quality control, material properties, repairs and inspection.
3. When I asked, when one pipe is welded to another, Duke said all the welding is done from one side. I was trained that type weld is not acceptable. However, if the national standard Duke is using and it allows that type of weld it falls into the category so be it.
4. Note, making a weld from both sides the the weld joint is expensive. This type of weld is called a "full penetration weld and very reliable.
5. When I queried Duke on the stresses in the pipe they were lost. But I'm sure Duke has an employee(s) that can answer this question. And the national standard may provide an answer.
6. I was surprised Duke could not tell us what national code is used. The last person I spoke to said the standard was API, but could not tell me the number.
7. In my opinion Ohio regulatory body needs a detailed review of the above. I assume Duke will present a formal presentation.

Irwin Mortman
Blue Ash, Ohio

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