

## Wilton - Grangemouth Ethylene Pipeline

Outer Zone 230 metres

5 offices buildings, 30 people max.  
per building, all within 60 metres of  
the pipeline, closest < 10 metres











# PADHI applied to this Planning Application

DT1.1 - <b>WORKPLACES</b>	Offices, factories, warehouses, haulage depots, farm buildings, non-retail markets, builder's yards.	Workplaces (predominantly non-retail), providing for less than 100 occupants in each building and less than 3 occupied storeys – Level 1	Places where the occupants will be fit and healthy, and could be organised easily for emergency action. Members of the public will not be present or will be present in very small numbers and for a short time.
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and therefore permitted in the inner zone.

“Do Not Advise Against”

Planning Application granted without operator being informed

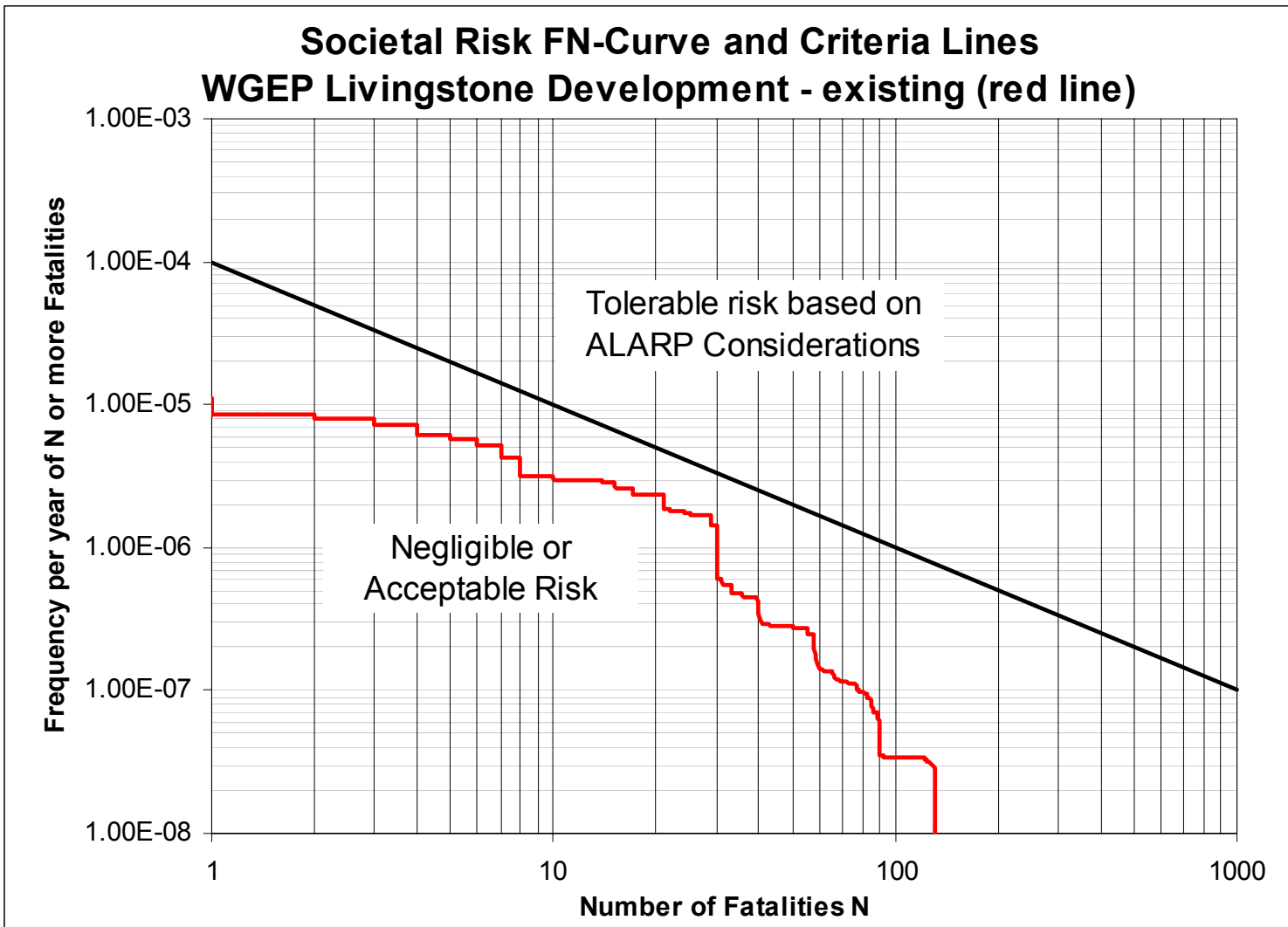
However, operator became concerned when aware of the development....

1 Existing Population – population grid

UKOPA

# Societal Risk Study – Applying new PD 8010 F-N Risk Criteria Line

## 1 Existing Population – F-N Curve

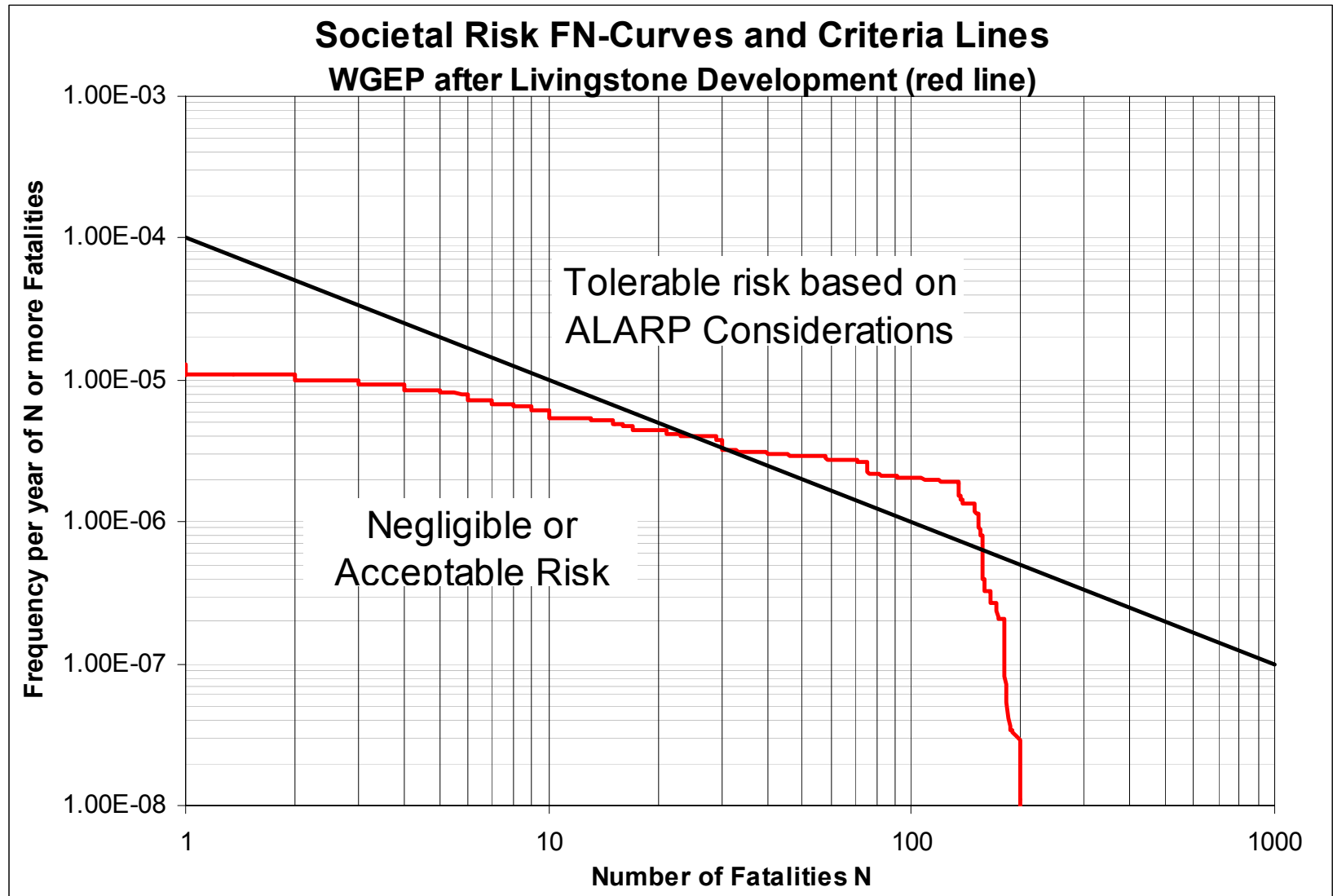


## 2 Increased Population – population grid

United Kingdom Onshore Pipeline Operators' Association

# Societal Risk Study – Applying new PD 8010 F-N Risk Criteria Line

## 2 Increased Population – F-N Curve





## **Proposed Mitigation Measures to Reduce Risks ALARP**

- 1 Increase awareness of pipeline – additional markers and signs
- 2 Fence off the route of the pipeline
- 3 Increase route surveillance in this area
- 4 Building to have emergency procedures covering pipeline emergencies

### **Longer term Measure to Reduce Risks**

Discussion with Local Planning Officer (West Lothian) on effects of additional occupied buildings in close proximity to the pipeline and need to contact pipeline operator earlier in the development process

## Moving new offices 50 metres away

[illegible]

# Societal Risk FN-Curves and Criteria Lines

## WGEP - Moving new offices 50 metres away from pipeline

