

PMComanchePeakPEm Resource

From: Stephen Monarque
Sent: Tuesday, March 03, 2009 12:04 PM
To: ComanchePeakCOL Resource
Subject: FW: Information Needs for Site Audit March 23rd - 24th, 2009 - public
Attachments: Data_Need.doc

From: Paul Kallan
Sent: Thursday, February 26, 2009 2:14 PM
To: ryan_sprengel@mnes-us.com
Cc: Stephen Monarque; Seshagiri Tammara
Subject: Information Needs for Site Audit March 23rd - 24th, 2009

Hi Ryan,

Enclosed is a list of information needs for the site audit.

regards,

Paul Kallan, Senior Project Manager
Office of New Reactors
Division of New Reactor Licensing
USAPWR Projects Branch (NMIP)
Tel: (301) 415-2809
Paul.Kallan@nrc.gov

Hearing Identifier: ComanchePeak_COL_Public
Email Number: 114

Mail Envelope Properties (3DF2506A7257014AAC5857E5E852DEAC0596EACD81)

Subject: FW: Information Needs for Site Audit March 23rd - 24th, 2009 - public
Sent Date: 3/3/2009 12:04:01 PM
Received Date: 3/3/2009 12:04:02 PM
From: Stephen Monarque

Created By: Stephen.Monarque@nrc.gov

Recipients:
"ComanchePeakCOL Resource" <ComanchePeakCOL.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	Size	Date & Time
MESSAGE	518	3/3/2009 12:04:02 PM
Data_Need.doc	31738	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

INFORMATION REQUEST TO SUPPORT SITE HAZARDS AUDIT

AT COMANCHE PEAK NUCLEAR POWER PLANT (CPNPP), UNITS 3 AND 4

During the site visit from March 23rd – 25th, 2009, the NRC plans to review the CPNPP 3 & 4 combined license (COL) Application Final Safety Analysis to obtain a clear understanding of the methodology used with regards to the data, analyses and calculations performed for the hazards evaluation of potential accidents that are addressed in the document.

2.2.3.1.1.1 Transportation routes

- Rail spur is used for transport of materials to and from site. The NRC staff plans to verify if hazardous chemical shipments were to be included as part of the rail spur shipments.

2.2.3.1.1.2 Nearby Industrial Facilities

- Table 2.2-205 lists chemicals at Wolf Hollow 1, LP without any quantities. However, on page 2.2-12 it is mentioned that the quantity is too small to pose a hazard. Please provide clarification relating to Table 2.2-205 and page 2.2-12.

2.2.3.1.2 Flammable Vapor Clouds

- In 2.2.3.1.2.1 states that gasoline and propane were analyzed. It is also mentioned that other less popular commodities (acetylene, ethylacetylene, ethylene oxide, propylene oxide) were analyzed. NRC staff plans to examine information relating to these chemicals and the amounts.

2.2.13.1.3 Toxic Chemicals

- Table 2.2-214 summarizes the chemicals that do not meet the Regulatory Guide 1.78 screening criteria. Table 2.2-214 states that these chemicals were further evaluated refers to the control room habitability analysis in Section 6.4. After reviewing Section 6.4, it is not clear to the NRC staff whether all identified chemicals were analyzed with actual amounts, whether the immediately dangerous to life and health (IDLH) value of any chemical was exceeded at the control room intake, or was lower in the control room as no quantitative results were presented or any other chemical than chlorine. The NRC staff requests to review this analyses.

3.5.1.6 Aircraft Hazards

- In Section 2.2.2.7.1, the information contained in the Final Safety Analysis states that Granbury Municipal Airport “exceeds 500d operations a year”. This is not consistent with the information presented in Section 3.5.1.6 on page 3.5-2 that states that Granbury Municipal Airport “will not exceed 500d² operations a year”.