



**MEETING: Site Review Committee**  
**SUBJECT: UGN, Air Lay Enclosure**  
**ADDRESS: 2252 Industrial Drive**

**LOCATION: City Hall**  
**DATE: April 24, 2012**

#### PRELIMINARY SITE REVIEW

##### IN ATTENDANCE:

|                                       |                |
|---------------------------------------|----------------|
| Tyler Kent, Asst. City Planner        | (219) 462-1161 |
| Tim Burkman, Engineering Director     | (219) 462-1161 |
| Ed Pilarski, Water Reclamation Dept.  | (219) 464-4973 |
| Chuck McIntire, Water Dept.           | (219) 462-6174 |
| Vicki Thrasher, Building Commissioner | (219) 462-1161 |
| Matt Evans, Public Works              | (219) 462-4612 |
| Jack Johnson, Fire Department         | (219) 462-8325 |
| Adam McAlpine, Engineering Dept.      | (219) 462-1161 |

##### PRESENTERS:

Duane Rushing, UGN  
 (219) 531-4426 / [Duane.Rushing@ugnauto.com](mailto:Duane.Rushing@ugnauto.com)

Email addresses for the above City of Valparaiso Departments can be found at [www.valpo.us](http://www.valpo.us).

The following is a summary of discussion at this meeting:

**OPENING:** The Site Review Committee met to discuss a proposed Air Lay Enclosure for UGN to be located at 2252 Industrial Drive. Kent stated that site review is not an approval. Rather, it is a preliminary discussion of the requirements and issues to be considered by the developer or owner. It is possible it will need to come back before site review or to seek other approvals.

**EXPLANATION OF PROJECT:** Approximately a year ago UGN did an addition to the facility. There is a piece of equipment in the process that is referred to as an air lay machine which is used to blend material together. A powder or resin is introduced into the product. The powder is quite dusty and becomes air born. UGN has contracted with an enclosure company that works quite extensively in the chemical business to put an enclosure around the air lay machine to improve the quality of the work environment for the team members.

#### STAFF COMMENTS:

**MCALPINE:** McAlpine is aware that there will be no additional hard surface added and the project is only an enclosure. McAlpine stated he had no comments.

**BURKMAN:** Burkman is aware that this will be interior work and has no comments.

**THRASHER:** Thrasher is aware this pre-fab enclosure will be put on the existing slab. Thrasher asked if the unit had a fire suppression system. Rushing confirmed there is a dry chemical system on the inside of the enclosure. Thrasher stated she was unsure as to whether a Construction Design Release would be needed for the suppression system and she needs to check further. If State review is not required, an application for a building permit would be necessary. Thrasher suggested the building permit should be applied for immediately; however, it will not be issued until clarification is received from the State concerning the possible submittal for the dry chemical system. The State review process typically takes about three weeks. Thrasher pointed out that if Safe, Inc. has done similar projects in Indiana, they should be aware if State submittal is required. She further suggested the project be submitted to the State just in case it is required.

**KENT:** Planning has no comments.

**EVANS:** There are no comments from Public Works.

**PILARSKI:** Since there is no wastewater being discharged, there are no comments concerning this project. Pilarski further stated that having a plan showing the sanitary sewer lines on the interior of the building would be helpful.

**MCINTIRE:** McIntire pointed out that care should be taken since this is in a Wellhead Protection Zone. If there should be any questions concerning this, Jim Pingatore should be contacted. However, since there is no additional water use for this project, there are no comments.

**JOHNSON:** Johnson is aware this structure will not be sprinkled. Johnson asked if the fire suppression system was for the process or for the entire structure. Rushing explained that there is fire suppression on the piece of equipment and the dry chemical system is for the inside of the structure. Johnson stated since this a dust collection system sending this to the State is strongly recommended. Johnson cited that most of the fires in factories are from dust collection systems. Johnson pointed out that with the large boilers located in the corner fire rated walls are necessary. Johnson asked about the quantity of hazardous material that would be inside the building. Rushing said the resin storage would be inside the enclosure and is not flammable but is combustible. He further stated there is no hazardous material. The 704 placards are for the combustible resin. Rushing stated the specifications for the enclosure are per NFPA 69 and NFPA 64. Johnson asked if there were standpipes in the building. Usually when a structure is placed inside a structure it is sprinkled; however, in lieu of the sprinkler system this is a dry chemical system. The dry chemical system only works for a certain period of time. This is in an enclosure with a fuel load without water. Johnson is pushing for a wet standpipe connected to the sprinkler system to provide water once the dry chemical system is empty. Johnson stated that unless a dust collection system is integrated into the actual process of the equipment this is where fires occur. Johnson conveyed his preference would be to have the structure sprinkled. Rushing explained that the company UGN is working with went with dry chemical because the material is non-flammable. Rushing stated he would forward Johnson more information concerning the system.

**ISSUES TO BE RESOLVED:**

State Design Release (if required)

Building Permit

Zoning Clearance