

April 06, 2000

CUST ID No.507561

ATTN: Plumbing INSPECTOR

OSCAR MAYER FOODS / KRAFT FOODS INC
910 MAYER AVE
MADISON WI 53703

MUNICIPAL CLERK
CITY OF MADISON
210 ML KING JR BLVD, RM 103
MADISON WI 53709

RE: PETITION FOR VARIANCE
CODE SECTION: COMM 82.41(3)(d)

SITE:

Site ID: 500802
DANE County, City of MADISON; 910 MAYER AVENUE,
MADISON 53704
Facility: OSCAR MAYER FOODS / KRAFT FOODS INC 910 MAYER AVE, MADISON 53704

Identification Numbers
Transaction ID No. 295933
Site ID No. 500802
Please refer to both identification numbers, above, in all correspondence with the agency.

The submittal described above has been reviewed for equivalency with applicable Wisconsin Administrative Codes and Wisconsin Statutes. The submittal has been **CONDITIONALLY APPROVED**. The owner, as defined in chapter 101.01(10), Wisconsin Statutes, is responsible for compliance with all code requirements.

Your Petition for Variance of the code section noted above has been reviewed.

The code section petitioned states that the use of a toxic solution as a heat transfer fluid in a single-wall heat exchanger for potable water is prohibited.

The variance requested is to allow the use of single wall heat exchangers in a food processing plant where ammonia is used as a heat transfer fluid and the heated water is used for supplying potable water to plumbing fixtures, but not used for drinking.

The petitioner submitted a notarized SB-9890 application form including 31 additional pages of supporting documents and/or plans.

Departmental Action: **CONDITIONAL APPROVAL**

Conditions of Approval:

1. All of the petitioner's statements included on the variance application form, any other documents submitted to the Department, and all conditions of approval, if any, listed below shall be carried out. This variance is specific to the subject petition and cannot be used for any additional modifications.
2. The water supply serving the system shall meet DNR requirements for a potable water supply.
3. The water supply shall be protected with an audible alarm system that monitors pH continuously.
4. The monitoring alarm shall activate when the pH of the water supply downstream of the heat exchangers is 12 mg/L of ammonia, or a pH of 8.5.
5. The monitoring system shall consist of two meters, each with a resolution of 0.01.
6. The meters shall be calibrated daily using a one-point calibration method and monthly using a two-point method.
7. A spare meter shall be available at the site as a replacement for either of the active meters.
8. Process instructions shall be located near the alarm disconnect in view of employees.
9. Monitoring records shall be maintained on site and available for inspection, if so requested.

A copy of the approved plans, specifications and this letter shall be on-site during construction and open to inspection by authorized representatives of the Department, which may include local inspectors. All permits required by the state or the local municipality shall be obtained prior to commencement of construction/installation/operation.

Inquiries concerning this correspondence may be made to me at the telephone number listed below, or at the address on this letterhead.

Sincerely,

LYNITA M DOCKEN , PROGRAM MANAGER
Program Development
(608) 785-9349, FAX: (608) 785-9330 , MON - FRI, 7:45 AM - 4:30 PM
LDOCKEN@COMMERCE.STATE.WI.US

DATE RECEIVED 02/11/2000

FEE REQUIRED \$ 225.00

FEE RECEIVED \$ 225.00

BALANCE DUE \$ 0.00

WiSMART code: 7657

cc: TIM JOYCE, PLUMBING CONSULTANT, (608) 825-4724, 7:30 - 4:00
Wm Rock, Department of Natural Resources
Joe Stein, Madison Water Utility