



MENASHA CORPORATION

PAPERBOARD GROUP

May 26, 1987

U.S. Nuclear Regulatory Commission
Region III
Material Licensing Section
799 Roosevelt Road
Glen Ellyn, IL 60137

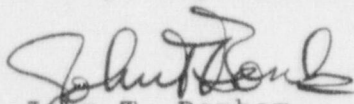
Gentlemen:

Menasha Corporation requests a renewal of its NRC license number 21-14922-01, which currently expires on June 30, 1987. In accordance with NRC guidelines, this renewal is submitted using the alternate procedure with reference to Menasha's last application, dated 25 January 1982. Only those items which reflect a change in the Company's radiological program since the date of the last application are identified in this renewal request. These items are numbered on the accompanying pages to correspond with the numbering on NRC Form 313, Application for Material License.

If you have any questions, please contact me at (616) 692-6141.

Sincerely,

Otsego Paperboard Division


John T. Bonham
Technical Manager

cc: J. Blauwkamp
S. Jones

/kj

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6. Purpose For Which Licensed Material Will be Used

The LS-101 unit which was mounted on a rail to measure actual level in the digester has been removed. It is being held with the shutter locked in the closed position as a spare. All other units are still used as described in the last permit application, dated 25 January 1982.

7. Individual Responsible For Radiation Safety and Their Training and Experience

a) John Bonham
1976-1977

Studied principles of radiation and radioactivity, along with mathematics necessary for measurement, while attending Marquette University.

November 1979

Studied the principles, measurement, and affects of various types of radiation while attending the U.S. Army Atomic Demolition Munitions course at Ft. Belvoir, Va.

May 22, 1987

Attended a four hour refresher course presented by Rodney Johnson, health physicist for Rad Services, Inc. Course topics were radiation physics, radiation dosimetry, biological effects, radiation detection, protection standards, and protection methods. A written test was taken and passed at the end of the course.

b) Ronald VanNoord

May 22, 1987

Attended the training course presented by Rad Services, Inc. as described above.

c) Donald O'Reilly

d) Wayne Vanderhoff

1971

Attended training on use and operation of nuclear gauges, presented by Industrial Nucleonics Corporation.

1971 - 1987

Performed routine gauge lock-out procedures when required under the supervision of a responsible individual.

May 22, 1987

Attended the training course presented by Rad Services, Inc. as described above.

e) George Hoots

May 22, 1987

Attended the training course presented by Rad Services, Inc. as described above.

9. Facilities and Equipment

The gauges are not exposed to excessive vibration, a corrosive atmosphere, or ambient temperatures exceeding the maximum operating temperature specified by the manufacturer. They are physically checked once per quarter for the condition of the labels, the external physical appearance of the gauge, and to ensure that the operating environment has not changed.

In the event of damage to a gauge, the room in which the gauge is located will be immediately evacuated and roped off to prevent entry. John Bonham and Ron VanNoord will be notified immediately. John Bonham will notify the NRC of the accident, or, in his absence, Ron VanNoord will do so.

telephone Numbers: John Bonham - (616) 694-9914
Ron VanNoord- (616) 455-3558

A licensed company will be contacted immediately to assess the radiological impact of the damage to the gauge, and to take corrective action.

10. Radiation Safety Program

No gauge servicing is performed by Menasha personnel. Any required servicing, such as gauge relocation, removal, leak testing, etc. is usually performed by the following company:

Sytec, Inc.
2525 South Oneida Street
Appleton, WI 54915
NRC license #48-21261-01

In the event that SyTec and Menasha are unable to come to agreement on said servicing, Menasha will employ another licensed person or company to perform gauge servicing as required.

Leak testing is performed every 3 years as stated in the amendment to license #21-14922-01, dated April 14, 1983.

Written procedures are in effect to prevent accidental radiation exposure due to personnel entering either the chip bin or the digester tube without having the sources locked out. These procedures have been furnished to all operating and supervisory personnel who may have a reason to

enter either vessel. Ron VanNoord is responsible for ensuring that nuclear gauge lock-out procedures are followed. Radiation safety signs are posted on the access ports to both vessels.

In addition to the five specifically licensed sources, there are three additional sealed sources in the mill. One is a KR-85 source covered under a general license of Industrial Nucleonics Corporation. The other two sources are both CS-137, covered under general licenses of Nuclear Research Corporation and Texas Nuclear Corporation, respectively.

11. Waste Management

Disposal of any of the sealed sources will be done only by transfer to a licensee specifically authorized to possess the radioactive material.

12. License Fees

As per 10 CFR 170.31, category 3(P), renewal fee is \$120.00.