

TO J. P. Sandstedt ✓ AT Burlington  
FROM I. A. Rumberg AT Burlington  
SUBJECT DEI-489  
DOUBLE MECHANICAL SEALS FOR MONOMER RECOVERY  
VACUUM PUMPS AND COMPRESSORS

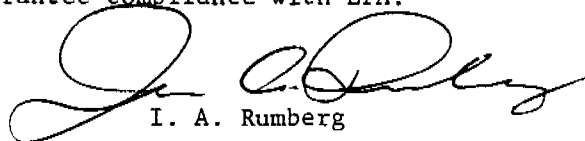
DATE June 4, 1976

COPY TO W. R. Fogelsanger  
E. V. Schenke

In answer to your request, the reasoning behind the recommendation to install double mechanical seals on the Nash vacuum pumps and compressors at Flemington rather than the single Crain 9's in service at Pasadena is as follows.

On June 2nd, 1976, I contacted Mr. William L. Loring, Asst. Dist. Sales Manager of Nash Engineering. He stated that Nash is supplying all new equipment in VCM service with (Durametallic) double mechanical seals. The use of Crain 9 single mechanical seals, as installed in Pasadena, was the specified seal prior to EPA regulations. In fact, Nash has been recommending replacement of the existing Crain 9 single mechanical with double mechanical seals.

The above mentioned recommendations have been established through discussions with EPA personnel in order to comply with the EPA regulations governing the handling of VCM. Nash Corporation has stated to me that unless double mechanical seals are used, they will not guarantee compliance with EPA.



I. A. Rumberg

IAR:gm