

*F - Campus  
Progress Rep.*

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MEMORANDUM

DATE: 1 February 1973  
TO: Vice President John W. Hartley  
Administration Building - Room 326  
FROM: Mr. Walter M. Tisdale  
Service Building "A" - Room 103  
SUBJECT: Campus Progress Report No. 211  
100 Million BTU/Hr HTHW Generator

On 31 January 1973 a demonstration of the automatic operation of the new generator was conducted. The generator operated satisfactorily on both natural gas and oil. Bringing this unit on line increases the capacity of the central heating plant from 195 to 295 million BTU's per hour. An ample reserve capacity is now available and the campus can be adequately heated even if some emergency should cause a shutdown of one of the four generators.

The new generator was substantially complete and manually operable on natural gas over a year ago. However, based upon modifications developed by the Plant Department for the three original generators, special oil atomizer-burners had been specified for the new generator. The atomizer-burners operate more economically than standard models and substantial fuel savings can be anticipated. The contractor experienced difficulty fitting the atomizer-burners to the generator, thus delaying completion of the oil-fired portion of the job. Hopefully, the improved economy of operation will compensate for the inconvenience of late completion.

Walter M. Tisdale  
Assistant to the President  
for Planning & Development

cc: President Louis T. Benezet  
Mr. John F. Buckhoff, Jr.