

Has Appropriations 6/13, Pass 6/13

FILED JUN 12 1975

SENATE FILE 582

By COMMITTEE ON APPROPRIATIONS

Passed Senate, Date 6-13-75 (2029) Passed House, Date 6-14-75 (25-22)  
Vote: Ayes 45 Nays 0 Vote: Ayes 86 Nays 1  
Approved 7-3

## A BILL FOR

1 An Act making an appropriation from the general fund of the  
2 state to Iowa state university of science and technology  
3 for research on dust explosions related to grain elevators.  
4 BE IT ENACTED BY THE GENERAL ASSEMBLY OF THE STATE OF IOWA:

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1 Section 1. There is appropriated from the general fund  
2 of the state, for the fiscal year beginning July 1, 1975 and  
3 ending June 30, 1976, to Iowa state university of science  
4 and technology, the sum of fifty thousand (50,000) dollars,  
5 or so much thereof as may be necessary, for the energy and  
6 mineral resources research institute to carry out and dissem-  
7 inate research on dust explosions related to grain elevators  
8 for the purpose of establishing explosion limits for grain  
9 dust dispersions and developing instrumentation for monitor-  
10 ing hazardous conditions.

11 Sec. 2. All federal grants to and the federal receipts  
12 of the agency receiving funds under this Act are appropriated  
13 for the purpose set forth in the federal grants or receipts.

14 EXPLANATION

15 This bill appropriates \$50,000 for research and dissem-  
16 ination of research on grain dust explosions for the purpose  
17 of establishing explosion limits for grain dust dispersions  
18 and developing instrumentation for control of hazardous  
19 conditions. The proposal submitted by the energy and mineral  
20 resources research institute at Iowa state university estimates  
21 that the identification of gaps in existing knowledge and  
22 the design of instrumentation suitable for determination of  
23 dust concentration and rate of combustion can be completed  
24 in one year. The establishment of explosion limits and  
25 development of automatic monitoring of hazardous conditions  
26 would require additional time, depending on the degree of  
27 research necessary during the first year.

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