

Introduced: 3/30/83
Referred: Transportation

BY M.M.MILLER, DUNCAN
AND GRUSSENDORF

1 IN THE HOUSE

2 HOUSE CONCURRENT RESOLUTION NO. 29

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 THIRTEENTH LEGISLATURE - FIRST SESSION

5 Encouraging the Department of Transpor-
6 tation and Public Facilities to use
7 calcium-magnesium acetate as an ice and
8 dust control agent.

9 BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:

10 WHEREAS the corrosive chloride salts presently used by the state for
11 ice and dust control on roads have substantial adverse effects on automo-
12 biles, bridge structures, and animal and plant life; and

13 WHEREAS the corrosion damage from chloride salts on automobiles in the
14 state alone may exceed \$20,000,000 annually; and

15 WHEREAS calcium-magnesium acetate is a noncorrosive, environmentally
16 benign ice and dust control agent that could be used to replace the
17 chlorides; and

18 WHEREAS national research into alternative deicing compounds has led
19 to recognition of calcium magnesium acetate as the most viable substitute
20 for the chlorides; and

21 WHEREAS the state has demonstrated that calcium-magnesium acetate can
22 be produced locally through the dissolution of naturally occurring Alaska
23 limestone in acetic acid produced from Alaska low grade petroleum; and

24 WHEREAS it is possible that the state could become a major producer
25 and exporter of the low grade calcium-magnesium acetate to a national or
26 international market;

27 BE IT RESOLVED by the Alaska State Legislature that the Department of
28 Transportation and Public Facilities is encouraged to use calcium-magnesium
29 acetate as an ice and dust control agent in place of chloride salts; and

1 BE IT FURTHER RESOLVED that the state continue research on calcium-
2 magnesium acetate for feasibility as a product for export to a national or
3 international market.