

From: Dan S. Rom (DSR)
To: MCL *Michael Layton*
Date: Thursday, June 1, 1995 3:37 pm
Subject: HAT/MON TER - Frost Protection -Reply

In May of 1993 we discussed the frost penetration issue for HAT/ MON with DOE. The DOE approach was to consider a 200-year period for frost, since they concluded that insufficient data existed to perform a 1000-year design. DOE calculations showed satisfactory cover performance with respect to frost in a 200-year period.

I modeled the cover system with best-guess estimates of 1000-year frost conditions (BERGGREN Code), and was able to show that 1000-year frost penetration affects, while more severe than the 200-year model, were still satisfactory. Our correspondence to DOE indicated acceptance of their 200-year approach, but only for this project.

DSR