



HALLGREN RESTIFO LOOP & COUGHLIN
ARCHITECTS

November 16, 2004

Mr. Steve Sceiford
Erie County Technical School
8500 Oliver Road
Erie, Pennsylvania 16509-4699

Subject: Reroofing Test Cuts at the High School

Dear Mr. Sceiford:

The drawings, shop drawings and test cuts taken on 11/10/04 indicate that the insulation was 1-3/4" phenolic. The pictures e-mailed to you show other defects that would confirm our recommendation for a complete tear off and replacement using tapered polyisocyanurate with an average R value of 30. The existing phenolic insulation emits a gas that adversely affects steel deck and has resulted in a class action law suit.

It appears that your steel deck is still in good condition from the two test cuts we made, however the entire tear off may show otherwise. We feel that it is going to be okay from our view of the underside without any sign of deterioration.

The neoprene flashing has stretched and torn with holes in it as indicated on the pictures because there was not the perimeter russ strip to keep it from pulling away from the parapet.

The steel coping is badly rusted and should be replaced with aluminum. I have no way of knowing whether the gas from the insulation could be the cause in response to your query.

If you have any questions, please call.

Very truly yours,

HALLGREN RESTIFO LOOP & COUGHLIN


J. D. Restifo

JDR:mam