



Project No. 89249.S  
13 April 1995

Moxie International  
840 North 10th Street, Suite G  
Sacramento, California 95814

Attention: Mr. Dennis Lee

Subject: **EXTENDED TESTING AND OBSERVATIONS OF MOXIE CONCRETE  
ADDITIVES AFTER INITIAL CONCRETE PLACEMENT**

Dear Mr. Lee:

At your request, **Youngdahl & Associates, Inc.** has provided recommendations for the use of Moxie concrete additives for concrete slabs-on-grade for the proposed project.

As was noted in our previous letter, Moxie 1800 has been used in concrete slabs-on-grade with no visquene moisture barrier placed below the slab with no noted problems in our building for the past 5 years.

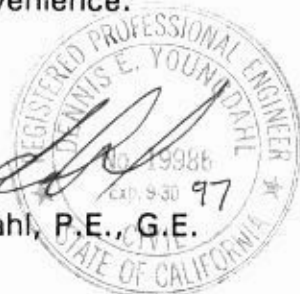
*Youngdahl & Associates, Inc.* has been recommending the use of Moxie products both during the placement and as corrective measures for approximately the past 12 years. It is our opinion that these products produce a superior moisture resistant concrete slab-on-grade. In over a hundred slabs where this product has been utilized based on our recommendations, we have never experienced moisture migration through the treated slab.

We have not performed investigatory coring in any floors in which a Moxie product was utilized, therefore, we do not have data resulting from these type of operations. Typically coring would only follow a failure and since we know of no failures we have not experience this type of situation.

Should you have any questions or require additional information, please contact our office at your convenience.

Reviewed by:

Dennis E. Youngdahl, P.E., G.E.  
Principal Engineer



Very truly yours,  
**YOUNGDAHL & ASSOCIATES, INC.**

Robert M. Schumacher  
Staff Engineer

copies: 2 to Moxie International, Attn: Mr. Dennis Lee