

DCD

November 5, 1996

Don R. Conway
Deputy Director
Division of Engineering Policy
Ohio Department of Transportation
1600 West Broad Street
Columbus, Ohio 43223-1298

SUBJECT: Memorandum Regarding the Use of Nuclear Asphalt Gauges

Dear Mr. Conway:

This acknowledges receipt of your memorandum dated October 1, 1996 in response to our request for your policy on the use of your contractors' nuclear gauges by your field inspectors.

We have no further questions at this time.

Sincerely,

Original Signed by Roy J. Caniano

Cynthia D. Pederson, Director
Division of Nuclear Materials Safety

License No. 34-05239-01
Docket No. 030-05703

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Memorandum

from the

Division of Engineering Policy

Don R. Conaway

Deputy Director

To: All District Highway Managers
Attn: All District Engineer of Tests
From: Don R. Conaway, Deputy Director, Division of Engineering Policy
Date: October 1, 1996
Subject: Use of Nuclear Asphalt Gauges

On Tuesday, September 24, 1996, we received a warning from the US Nuclear Regulatory Commission for an ODOT plant inspector using a contractor's nuclear asphalt content gauge at an asphalt plant. Until this can be resolved with the NRC and the contractor, we are taking the following action; you are to inform all ODOT Asphalt Plant Inspectors in your District that they are **NOT PERMITTED** to use any contractor's nuclear gauge.

For Items 301, 302, 402, 404 and any other state inspected asphalt mixes, the acceptance of asphalt content shall come from the computerized plant print out. In order to verify the asphalt content, the following requirements shall be met:

1. The ODOT plant inspector shall be responsible for obtaining the asphalt concrete sample from the truck and recording the AC content on the TE- 1 2 5, as shown on the plant print out.
2. The ODOT plant inspector shall fill the AC gauge pan with asphalt concrete in accordance with 1043.06.
3. The ODOT plant inspector shall turn the filled AC gauge pan over to a designated employee of the Contractor.

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All District Highway Managers
October 1, 1996

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4. The Contractor's employee shall place the filled AC gauge pan in the AC gauge.
5. The Contractor's employee shall operate the AC gauge to determine the bitumen content of the sample. This operation shall be witnessed by the Department's plant inspector.
6. The Contractor's employee shall remove the filled AC gauge pan from the AC gauge.
7. The ODOT plant inspector shall be responsible for cleaning the AC gauge pan.
8. In the event that a Contractor's employee is not present when the samples are taken, the samples shall be properly stored by ODOT and tested by the contractor during the same working day.

DRC:sg

c: C. Runyan

C. Misel

Flexible Pavement, Inc.

Ohio Contractors Association