

J. Kelly Plant Integration

F. Waters Nuclear Service

TOLEDO

MILE ISLAND COMMISSION

July 18-20, 1979

FILE NO. OR REF. KELLY MEMO / DAVIS  
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Pressure Injection during transient

Your letter to DISTRIBUTION; Same Subject  
Dated NOV 1, 1977.

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In talking with training personnel and  
the opinion of this writer the operators at Toledo  
and in the correct manner considering how they  
been trained and the reasons behind this training.

My assumption and the training assumes first that  
Pressure and Pressure level will tend in the  
one direction under a LOCA. For a small leak  
keep the HP system on up to a certain flow to  
maintain pressure level.

In the particular case at Toledo, there was no  
CA of magnitude and with the small leak the inventory  
the system came back as expected but due to the  
of the RCS the RCS pressure cannot respond  
as quickly as the pressure heaters can heat the

Water now pushed back into the pressurizer.  
If the H.P. I system, or after pressurizer level indicates  
lasted high, will result in the RCS pressure  
rising and essentially hydrating the RCS when  
becomes solid. If this is the intent of your letter  
the thoughts behind it, then the operators are not  
right to hydrate the RCS everytime the H.P. I pumps  
initiated.

If you intend to go solid what about problems with  
mechanics. Also with the Code and electromagnetic  
values solid water (via steam) at significant flow rate  
to keep the RCS from being hydrated.

R. J. FINNIN

Kelly Memo  
NOV 1, 1977