

Central File

UNCLASSIFIED

50-219

220

ATOMIC ENERGY COMMISSION

DEFICIENCIES IN PRESSURE VESSEL INTERNALS  
JERSEY CENTRAL POWER AND LIGHT COMPANY (OYSTER CREEK)  
NIAGARA MOHAWK POWER COMPANY (NINE MILE POINT)

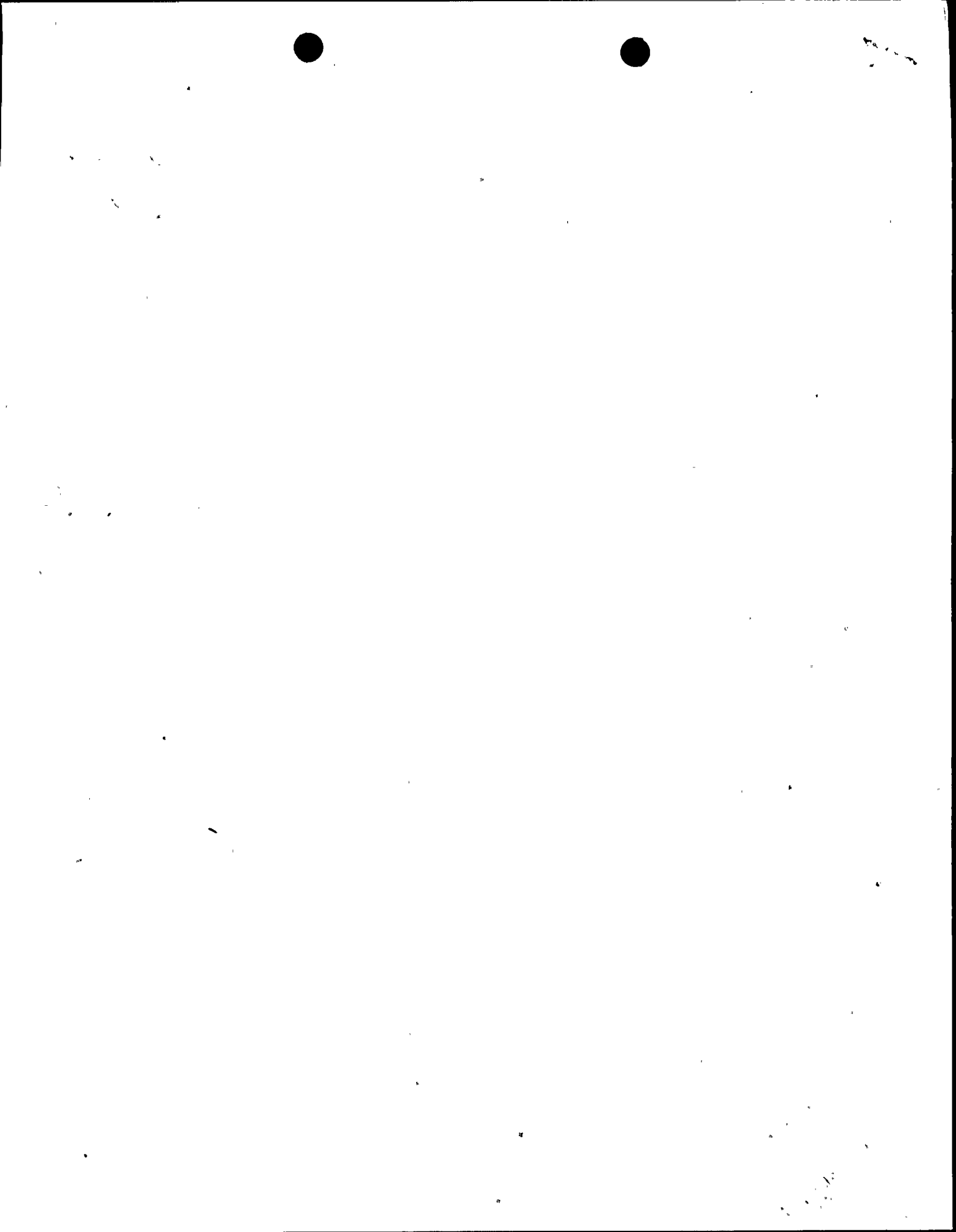
Report to the Director of Regulation  
by the Director of Compliance

Several fabrication deficiencies have been detected in certain components that are to be installed in the reactor pressure vessels of the Oyster Creek and Nine Mile Point facilities. The more significant of these defects involve the core shroud head and steam separator assemblies for both facilities. These components were fabricated by the P. F. Avery Company, Billerica, Massachusetts.

The deficiencies involve poor quality welds, missing welds and misalignment of structural components. They appear to have resulted from inadequate quality control at the vendor shops. The core shroud head and steam separator assemblies will require disassembly in order to effect repairs. Present plans call for the repair work to be conducted onsite at Nine Mile Point and offsite at Oyster Creek. The effect on the construction schedule is not known, but it is believed that delays could result.

Additional fabrication deficiencies have been detected in other components that are to be installed in the reactor pressure vessels.

OFFICE ▶			2			
SURNAME ▶						
DATE ▶						



These also reflect adversely on the quality control system. Corrective measures should not require disassembly.

The regulatory staff is closely following these problems with special attention being given to their applicability to other nuclear facilities under construction. In this regard, Division of Compliance reactor inspectors, in conjunction with a consultant and other regulatory staff personnel, have reviewed these problems at both sites and at the vendor shops.

The staff of the Joint Committee on Atomic Energy is being informed.

bcc: Secretariat (2)  
H. L. Price, DR  
M. M. Mann; DR  
C. K. Beck; DR  
R. L. Doan, DR  
P. A. Morris, DRL  
E. G. Case, DRS  
M. Shaw, RDT  
L. D. Low, CO  
R. W. Kirkman, CO:I  
*St* DR Reading File  
DR Central File

OFFICE ▶	CO	CO	B	DRL		DR
SURNAME ▶	JPO'Reilly:ej	LDLow		PAMorris		HLPrice
DATE ▶	5/24/68					



12