

BIBLIOGRAPHY (CONTINUED)

<u>Reference</u>	<u>Significant Contents</u>
<u>Pioneer F Safety Test Reports</u>	
INSD-2873-67	Heat Source Vibration
INSD-2873-72	Graphite Oxidation
INSD-2873-73	Blast Overpressure
INSD-2873-74	Fragment Impact
INSD-2873-75	Liquid Fire
INSD-2873-76	Solid Fire
INSD-2873-77	Capsule Impact on Granite
INSD-2873-78	Drop Tests
INSD-2873-79	Plasma Arc (Reentry Heating)
INSD-2873-80	Heat Transfer Measurements
INSD-2873-81	Force and Moments Measurements
GDC-BTD70-010 Pioneer F AEC Safety Study Phase I (GD/Convair) 3/8/71	A detailed description of the launch vehicle, launch complex facility and nominal launch trajectories is provided.
GDC-BTD70-015 Pioneer F AEC Safety Study Phase II (GD/Convair) 3/8/71	Launch pad accident environments, launch vehicle failure modes and associated reliability data are presented. This report constitutes the basic input to accident initiation and initial environments for the nuclear system. A portion of the document was contributed by TRW and describes the effect of spacecraft breakup on the initial states of the nuclear system.
ESD-2873-138 A Predictive Model for Oxygen Transport in the Alloy T-111 7/72	A phenomenological model is proposed to explain observed oxygen transport in T-111. A combination of diffusive and capture mechanisms are responsible, in this model, for the "frozen" oxygen density distribution in spite of a relatively large diffusivity. Empirical values of the transport parameters are deduced and used to infer the time dependence of oxygen doping.
NUS-738 P. M. Altomare, "Meteorological Data Summary and Atmospheric Transport at Kennedy Space Center," February 1971	Near ground atmospheric transport of radioactive particles and downwind exposure. Supplemented by two ad hoc graphs showing hot line concentrations + isopleth area, for aged PMC. Since updated as SNS-NUS-827, 9/71.