KENNEDY SPACE CENTER SPACE SHUTTLE STATUS REPORT
WEDNESDAY, NOVEMBER 2, 1994 (10:33 AM EST)
LAUNCH MINUS 1 DAY

MISSION: STS-66 -- ATLAS-3/CRISTA-SPAS

VEHICLE: Atlantis/OV-104
ORBITAL ALTITUDE: 189 sm
LOCATION: Pad 39B
INCLINATION: 57 degrees
LAUNCH DATE: Nov. 3
CREW SIZE: 6
LAUNCH TIME: 11:56 a.m. EST
LAUNCH WINDOW: 1 hour/2 minutes
KSC LANDING DATE/TIME: Nov. 14/7:42 a.m.
MISSION DURATION: 10 days/19 hours/46 minutes

The countdown for mission STS-66 and the launch of Atlantis on Thursday at 11:56 a.m. EST continues on schedule today. No serious technical issues are being worked by the management team and no problems are being reported from the pad.

Yesterday operations to load the cryogenic reactants were completed at about 10 p.m. The orbiter's mid-body umbilical unit has been demated from the orbiter and retracted into the fixed service structure. This was followed by final vehicle and facility close-outs. Later today, the 10 rodents that will fly on the Shuttle will be loaded into the orbiter's mid-deck storage facilities.

Preparations are now underway to retract the rotating service structure (RSS) to launch position. RSS move is set for about 1 p.m. today. Loading of the external tank with cryogenic propellants is scheduled to begin at about 3:36 a.m. tomorrow.

Air Force weather forecasters are currently indicating a 30 percent probability of weather prohibiting launch on Thursday. The primary concerns are for a cloud ceiling below 8,000 feet and a chance for exceeding the crosswind limits and the Shuttle Landing Facility. During Thursday's launch window, the winds at Pad B are expected to be from the east-northeast at 8-13 knots; temperature 77 degrees F; visibility 7 miles; and clouds scattered at 4,000-6,000 feet. The 24-hour-delay forecast reveals similar conditions with forecasters listing a 40 percent chance of violation.

Early weather reports from the Transoceanic Abort Landing (TAL) sites in Spain and Africa indicate a less than favorable forecast with scattered showers and low clouds.

Today, the six-member astronaut crew will be given a briefing on tomorrow morning's launch weather outlook at Kennedy Space Center and the TAL sites in Spain and Africa. Also today, the crew receive a final payload briefing and they will make last minute adjustments to their flight plans while completing their review of launch day activities. Tomorrow, the crew will depart for Launch Pad 39B at about 8:41 a.m.

SUMMARY OF BUILT-IN HOLDS FOR STS-66

T-TIME	LENGTH OF HOLD	HOLD BEGINS	HOLD ENDS
T-27 hours	4 hours	8:00 a.m. Tues.	12:00 p.m. Tues.
T-19 hours	4 hours	8:00 p.m. Tues.	12:00 a.m. Wed.
T-11 hours	13 hrs.,36 mins.	8:00 a.m. Wed.	9:36 p.m. Wed.
T-6 hours	1 hour	2:36 a.m. Thurs.	3:36 a.m. Thurs.
T-3 hours	2 hours	6:36 a.m. Thurs.	8:36 a.m. Thurs.
T-20 minutes	10 minutes	11:16 a.m. Thurs.	11:26 a.m. Thurs.
T-9 minutes	10 minutes	11:37 a.m. Thurs.	11:47 a.m. Thurs.

CREW FOR MISSION STS-66

Commander (CDR): Don McMonagle (red team)
Pilot (PLT): Curtis Brown (blue team)
Mission Specialist (MS1): Ellen Ochoa (red team)
Mission Specialist (MS2): Joseph Tanner (red team)
Mission Specialist (MS3): Jean-Francois Clervoy (blue team)
Mission Specialist (MS4): Scott Parazynski (blue team)

SUMMARY OF STS-66 LAUNCH DAY CREW ACTIVITIES

Thursday, Nov. 3, 1994

7:01 a.m.	Wake up
7:31 a.m.	Lunch/Breakfast
7:31 a.m.	Crew Photo
8:01 a.m.	Weather briefing (CDR, PLT, MS2)
8:01 a.m.	Don flight equipment (MS1, MS3, MS4)
8:11 a.m.	Don flight equipment (CDR, PLT, MS2)
8:41 a.m.	Depart for launch pad 39B
9:11 a.m.	Arrive at white room and begin ingress
10:26 a.m.	Close crew hatch