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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
 AUTH. NAME AUTHOR AFFILIATION
 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Forwards table of human engineering discrepancies (HED) w/
 corrective actions scheduled for completion by fuel load, per
 discussions w/SN Saba on 860318 & 19 & 1016. Encl Table 2
 lists HEDs not requiring resolution prior to fuel load.

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NOTES: Application for permit renewal filed. 05000400

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PWR-A PD2 LA	1	1	PWR-A PD2 PD	7	7
BUCKLEY, B	1	1	PWR-A PSB	1	1
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DECEMBER 31, 1900

OFFICE OF THE COUNTY CLERK

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said County at Dallas, Texas, this 31st day of December, 1900.

Attest my hand and the seal of said County at Dallas, Texas, this 31st day of December, 1900.

CLERK OF COUNTY

DECEMBER 31, 1900

OFFICE OF THE COUNTY CLERK

1900

STATE OF TEXAS

COUNTY OF DALLAS

CLERK OF COUNTY

1900

STATE OF TEXAS

COUNTY OF DALLAS

CLERK OF COUNTY



Carolina Power & Light Company

NOV 13 1986

SERIAL: NLS-86-406

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
CONTROL ROOM DESIGN REVIEW - HED DISPOSITION STATUS


Dear Mr. Denton:

Enclosed is a complete listing of those Human Engineering Discrepancies (HED) with corrective actions not yet completed, but which are scheduled for completion by fuel load of the Shearon Harris Nuclear Power Plant (SHNPP). This information is being submitted per discussions with Dr. S. N. Saba of your staff on March 18 and 19, 1986, and October 16, 1986. Please note that HEDs where corrective action has been completed are not included in this status report. Table 1 provides the current status of those HEDs where corrective actions will be complete by fuel load but are not yet complete. Table 2 lists those HEDs not requiring resolution prior to fuel load for which the disposition is being changed.

As previously discussed with Dr. Saba, a second HED status report will be submitted by the end of the first SHNPP refueling outage. This report will provide the status of the corrective actions for those HEDs which are scheduled for completion by this outage.

Should you have any questions with regard to this submittal, please contact Mr. Arnold Schmich at (919) 836-8759.

Yours very truly,


S. R. Zimmerman
Manager
Nuclear Licensing Section

SRZ/AWS/bmc (5040AWS)

Enclosure

- cc: Mr. B. C. Buckley (NRC)
- Mr. G. F. Maxwell (NRC-SHNPP)
- Dr. J. Nelson Grace (NRC-RII)
- Dr. S. N. Saba (NRC)

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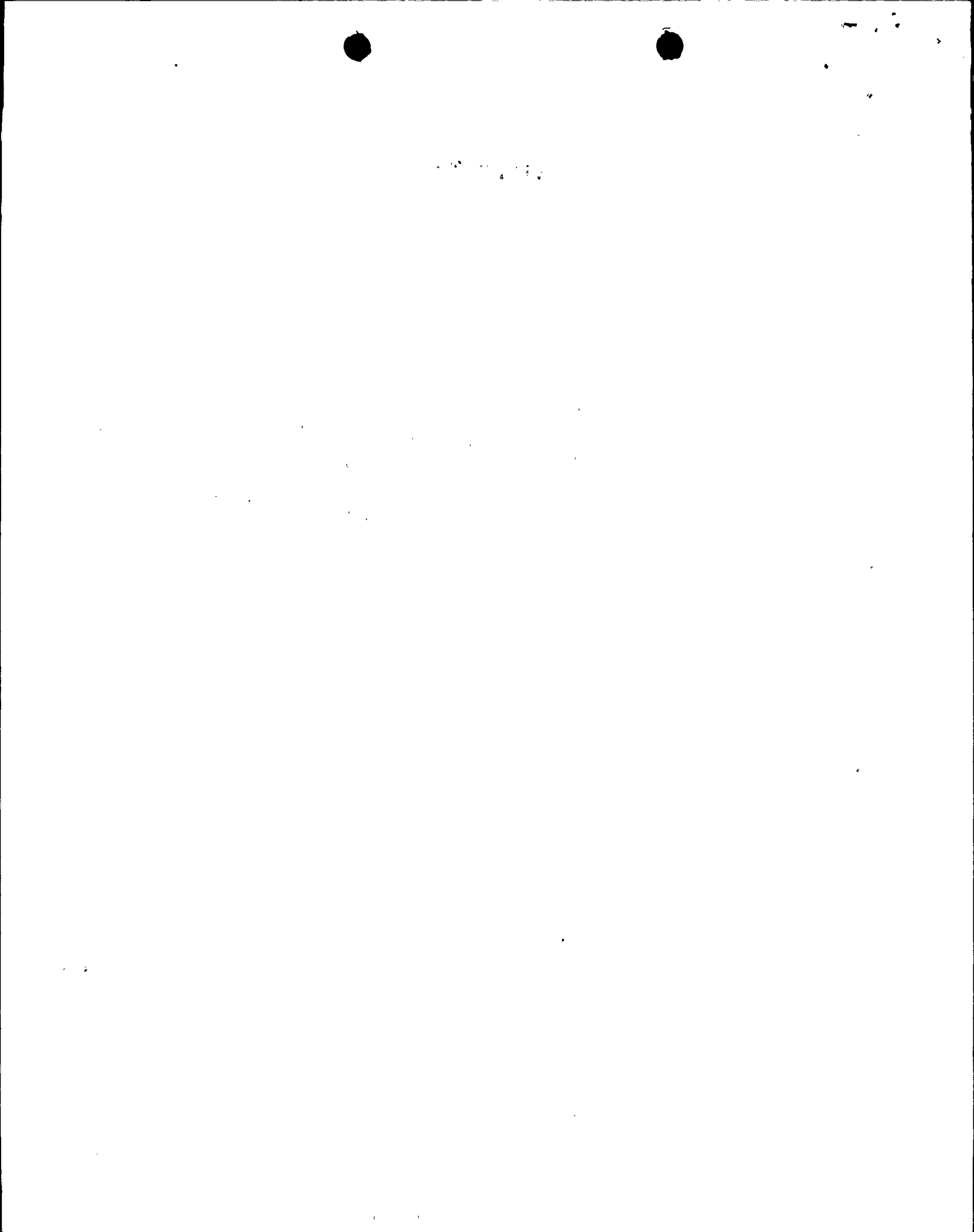


Table 1

HED Corrective Actions to Be Complete
by Fuel Load But Not Yet Completed

Action:	Replace meter faces.	Action:	Correct vertical meters' internal labeling.
HEDs	3100-2201 31D9-2211 31D9-2212 31AC-2205 31AA-2226 B227 (NRC HED NO.)	HEDs	31D9-2209 31AC-2206 3100-1171

Status: 99% complete as of November 12, 1986. There are a total of 2 meter faces yet to be corrected; one on the MCB and the other on the ACP. The AEP-1 changes have been completed.

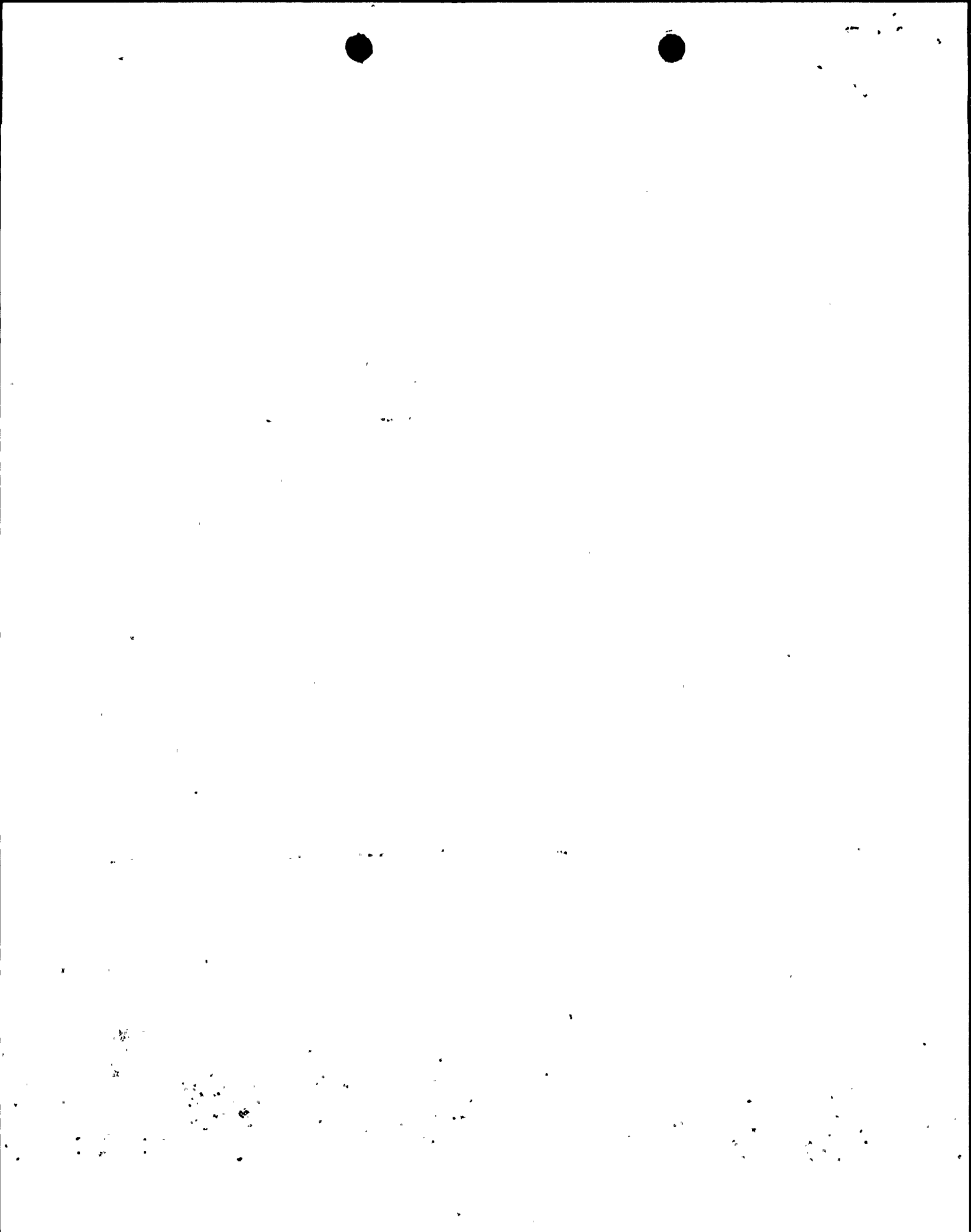


Table 2

HED Disposition Change List

A2-50	HED NO.:	31B2-3502
	HED TITLE:	Thumbwheel counter is unlabeled.
	CATEGORY:	III
	DISPOSITION:	The load frequency control panel will not be used. Labels are, therefore, not needed.
A4-13	HED NO.:	31E1-5009
	HED TITLE:	Path display and path selector switch labeling relationships complex.
	CATEGORY:	II
	DISPOSITION:	Label changes are dependent on system calibration during power ascension. Current labels are adequate for initial system calibration.
A24-2	HED NO.:	31G1-0302
	HED TITLE:	A complete set of the computer system operating procedures are not available in the control room.
	CATEGORY:	III
	DISPOSITION:	The computer is menu driven. A complete set of operating procedures is, therefore, not required.
A24-4	HED NO.:	31G1-0304
	HED TITLE:	No corrective action instructions follow error messages on CRT displays.
	CATEGORY:	III
	DISPOSITION:	Instructions for reentering data following an error message will be provided. An operator's instruction guide is dependent on the final software to be used for the ERFIS. These instructions will be available when ERFIS is operational. This HED will be addressed in the SPDS Human Factors Review.
A24-21	HED NO.:	31G1-5069
	HED TITLE:	Increasing, decreasing, and stable arrow symbol on SPDS display is hard to discriminate.
	CATEGORY:	III
	DISPOSITION:	The arrow symbol is controlled by the computer software. The feasibility of enlarging the arrow to improve discrimination is being reviewed. This HED will be addressed in the SPDS Human Factors Review.

