

TASK CLOSE OUT DOCUMENT

File  
IAG

Task Scope Instrumentation Required for  
Natural Circulation.

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Task No. 266 Date Complete 4/24/79

Reason felt task is complete:  
Instrumentation Defined

- Members of Committee
- Stroupe
  - Kelly
  - Hench
  - Noll
  - Ackerman
  - Tooker
  - Lieb

Stroupe / m of Lieb  
Signed  
Committee Leader

INSTRUMENTATION FOR NATURAL CIRCULATION

The following is a list of the instrumentation as now installed and a listing of the instrumentation we feel should be installed before an attempt is made to go to natural circulation.

## Presently in Control Room

- 1)  $T_{H\text{a}b}$ ,  $T_{C\text{a}b}$  (Digital)
- 2) System Pressure (A & B)
- 3) Pressurizer level (also on strip recorder)
- 4) Flow (for pump jog) (also on strip recorder)
- 5) OTSG water level &  $T_{\text{in}}$  (indicated)
- 6) Pressurizer Temp. (digital)
- 7) Condenser Vac.
- 8) Stm. line Temp. out. (indicator)

## To be installed in Control Room

- 1) 51 pannel meters for Thermocouples
- 2) 51 strip recorders for thermocouples

## Installed in cable spreading room

- 1) 51 digital readouts of core TC's
- 2) Pressure (A & B) &  $T_{\text{HA}}$  on strip chart

## To be added in control room

$T_{\text{Ha}}$ ,  $T_{\text{Hb}}$ ,  $T_{\text{Ca}}$ ,  $T_{\text{Cb}}$  - Strip chart (behind pannel)

$T_{\text{OTSG}}$  a, b - Downcomer,  $T_{\text{main}}$  stm. a, b (on strip chart)

Pressurizer level (wide range) on a strip chart recorder.