

## Nuclear Power Station

Blah building a nuclear power station in 2025 blah blah

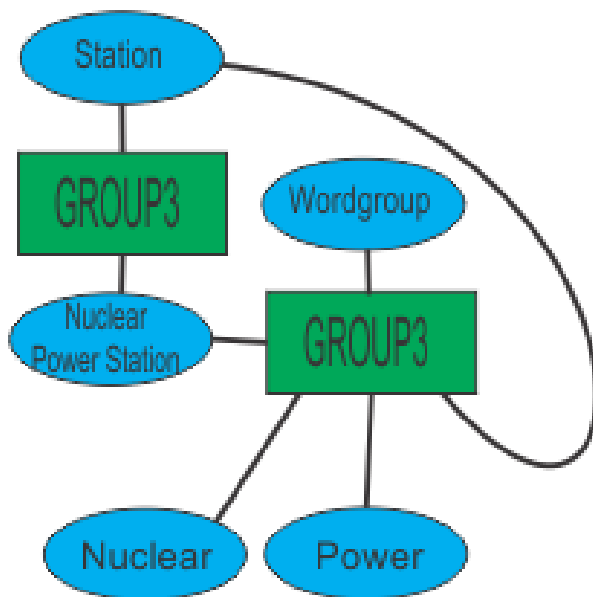
Blah blah

Nuclear power will provide blah blah

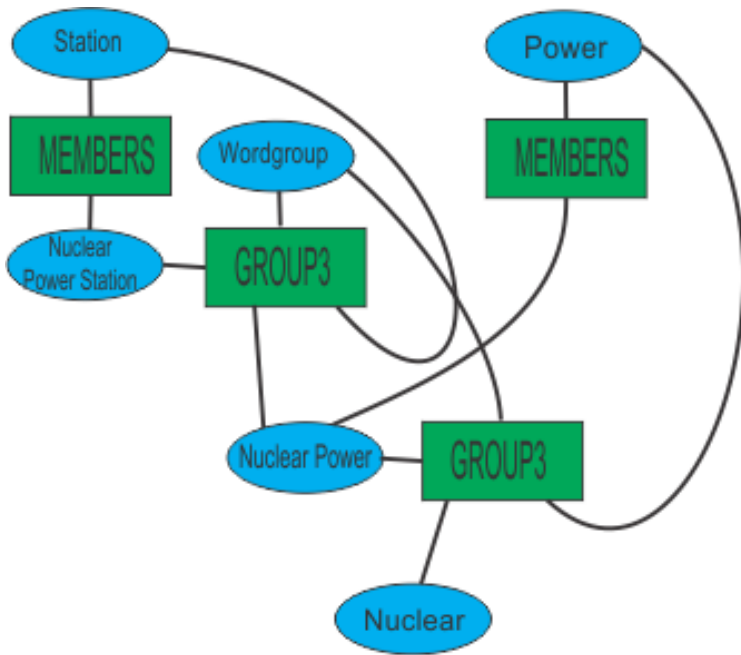
Blah blah

Other power stations will be decommissioned blah

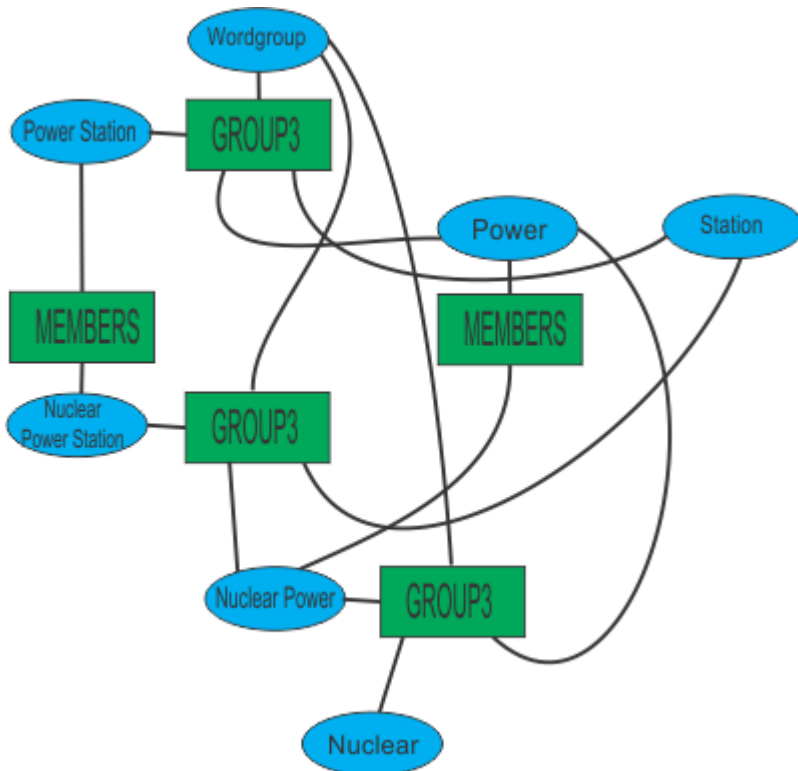
The system encounters “nuclear power station” as a noun phrase – treats it as a concept, knows “nuffink”, so it builds



It then encounters “Nuclear power”, builds a new wordgroup, makes it a member of the last object in the wordgroup, and adjusts existing wordgroups to give:



It then finds “Other power station” – “other” can’t lead off a concept, so it has “power station” – it builds that concept and adjusts to give:



The advantage of the method – it only needs to see each concept once, and the order in which they appear is unimportant.

## A Counter Example

Interrogation device evaluation

This is evaluation of an interrogation device. No matter what order the concepts arrive, we should get the same result –

(interrogation device) evaluation

Device is a physical object, evaluation is a relation, so we need to add meaning in the decision where to split a multi-word noun phrase. That is,

Interrogation device evaluation

Is a child of

device evaluation

but we never use device evaluation to get

interrogation (device evaluation)

## Lumbar Sacral Orthosis

We encounter

Lumbar sacral orthosis

And then

Sacral orthosis

This does not give us

Lumbar (sacral orthosis)

It is more easily seen as

Body part body part orthosis

Alternatively, if we have already encountered

Lumbar orthosis

Sacral orthosis

Then

lumbar sacral orthosis

would be seen as

lumbar orthosis and sacral orthosis

the singular form indicating it is both. That is

(lumbar and sacral) orthosis