



Growth of the Women Professional in the Radiation Safety Department

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Abstract

The ratio of the women staff has been increased in the radiation safety department more than any other departments of the Korea's NPPs. In addition, the role of the women staffs has been diversified also into technical duties whereas did not in the past. So many women will show especially their ability in the radiation safety department.

Introduction

Currently in Korea's Nuclear Power Plants (KHNP), the number of the women staffs has been increased as planned construction of new NPPs. However the role of the women staffs in NPPs is still limited as before. Because there is the prejudice which the operating and the maintenance work is unsuitable for women owing to the risk of the radiation exposure and the physical weakness. So, women staffs mostly belong to the supporting departments.

Diversification of Work

In the past, the women staffs in the radiation safety department were usually charge of the non-technical duties like the radiation exposure dose management and the education for radiation workers.

Although the ratio of the women about that is still higher, nowadays, the role of the women workers tends to diversify to technical supports like the radiation protection and the radioactive waste management while increased the proportion of women employees.

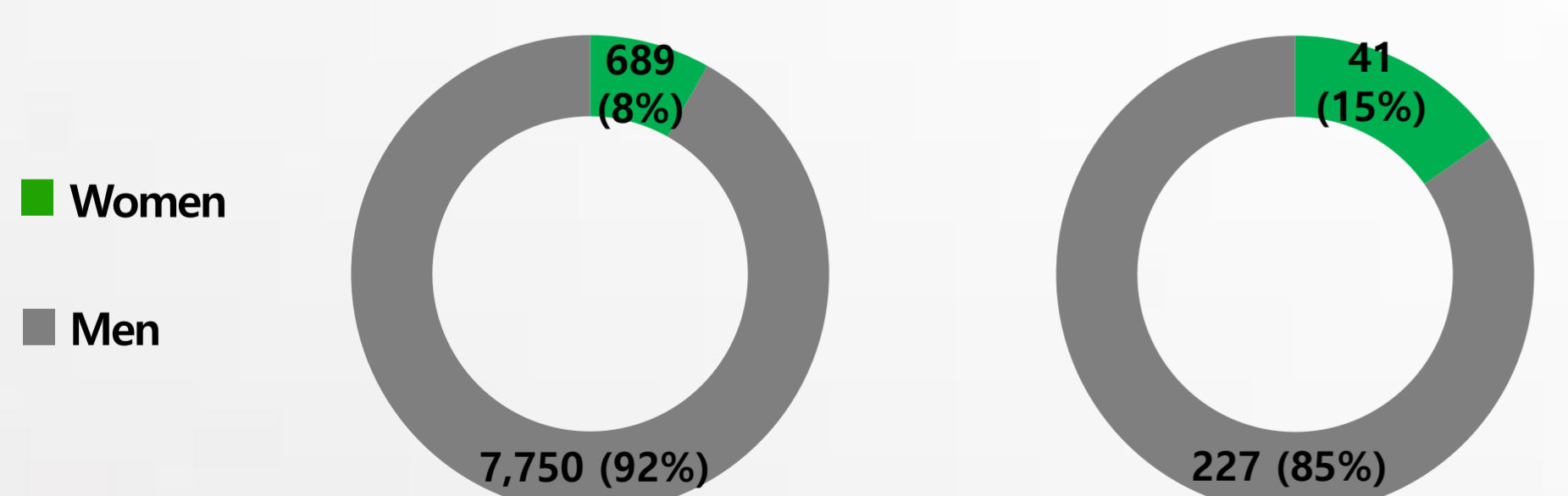
Conclusion

The trend which the role of women staff is becoming more important is expected to continue for many years to come.

Thus, in Korea's NPPs, it is expected that many women will demonstrate their professionalism especially in the radiation safety department than any other departments.

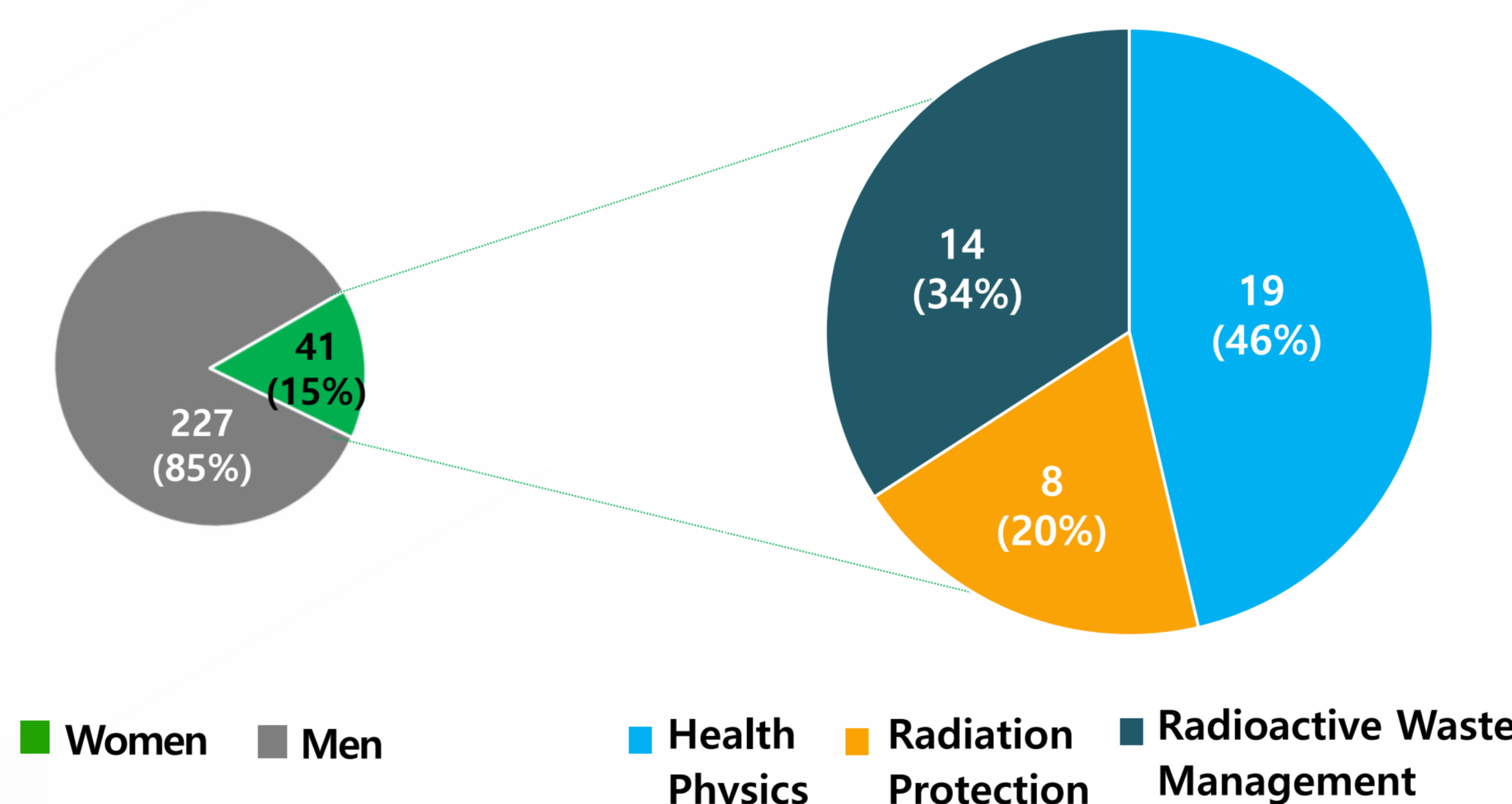
Increase of Women Staff

In particular, the proportion of the women staffs is significantly higher in the radiation safety department among the supporting departments. The ratio is 15% and is twice higher, whereas the total percentage of the women workers in KHNP is 8%.



	All of the KHNP	The Radiation Safety Department
Women	689 (8%)	41 (15%)
Men	7,750 (92%)	227 (85%)
SUM	8,439	268

[The number(ratio) of the women staffs]



[The number(ratio) of the women staffs' duty in the Radiation Safety Department]

Duties List

- Health Physics**
 - The management of the radiation exposure for worker
 - Assessing dose of the external and internal exposure (TLD, ADR, WBC etc.)
 - Education and Training in radiological protection to worker
- Radiation Protection**
 - The management for working in the radiation protection area
 - The safe transport of radioactive material
 - The management of the radiation monitoring devices (FAM, FTAM, R/B Air monitor etc.)
- Radioactive Waste Management**
 - Liquid/Gaseous waste treatment : the assessment and control of the effluent etc.
 - Solid waste treatment : the management of the storage facility, the self-disposal etc.
 - The pre-disposal management of the waste drum